

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116416.D
 Acq On : 20 Aug 2019 5:08
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 08:11:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96558	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	413957	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	230225	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	413921	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	255111	20.00	ng	-0.01
87) Perylene-d12	15.42	264	297038	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	503446	87.28	ng	-0.01
7) Phenol-d6	6.46	99	634660	87.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	583710	81.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	188050	84.25	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1040440	84.65	ng	-0.01
79) Terphenyl-d14	12.90	244	1145934	94.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	116883	40.113	ng	99
3) Pyridine	3.23	79	313095	38.465	ng	99
4) n-Nitrosodimethylamine	3.18	42	100858	31.398	ng	99
6) Aniline	6.47	93	416487	39.963	ng	# 53
8) 2-Chlorophenol	6.60	128	285309	44.732	ng	98
9) Benzaldehyde	6.36	77	202297	40.289	ng	98
10) Phenol	6.47	94	366601	42.779	ng	78
11) bis(2-Chloroethyl)ether	6.54	93	270823	42.984	ng	99
12) 1,3-Dichlorobenzene	6.75	146	317288	43.044	ng	97
13) 1,4-Dichlorobenzene	6.82	146	318542	43.160	ng	98
14) 1,2-Dichlorobenzene	6.97	146	300717	44.250	ng	99
15) Benzyl Alcohol	6.96	79	235748	42.688	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	365320	42.509	ng	62
17) 2-Methylphenol	7.07	107	234666	43.451	ng	# 91
18) Hexachloroethane	7.31	117	105680	38.891	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	204242	45.291	ng	98
20) 3+4-Methylphenols	7.23	107	311763	48.781	ng	# 79
22) Acetophenone	7.22	105	398254	43.867	ng	# 93
24) Nitrobenzene	7.39	77	323987	41.840	ng	99
25) Isophorone	7.63	82	576956	42.074	ng	99
26) 2-Nitrophenol	7.71	139	158750	43.492	ng	95
27) 2,4-Dimethylphenol	7.75	122	229205	41.738	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	360917	42.464	ng	99
29) 2,4-Dichlorophenol	7.96	162	251222	43.326	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	276004	41.758	ng	99
31) Naphthalene	8.10	128	838969	43.068	ng	99
32) Benzoic acid	7.90	122	132894	34.324	ng	99
33) 4-Chloroaniline	8.16	127	371792	42.716	ng	98
34) Hexachlorobutadiene	8.22	225	156185	41.025	ng	99
35) Caprolactam	8.54	113	82513	43.999	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	272931	45.246	ng	99
37) 2-Methylnaphthalene	8.80	142	557866	43.484	ng	99
38) 1-Methylnaphthalene	8.90	142	539017	44.411	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	258784	42.046	ng	99

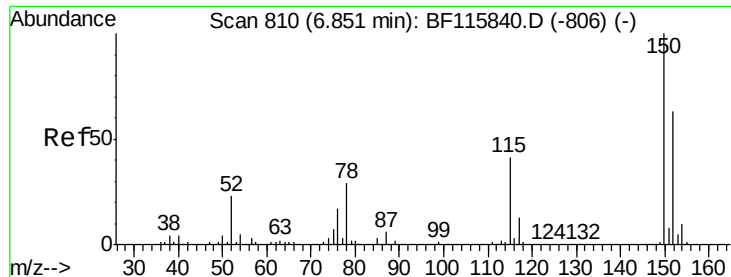
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
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 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	3270	7.018	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	165928	39.167	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	170895	39.024	ng	96
46) 1,1'-Biphenyl	9.26	154	694256	42.713	ng	98
47) 2-Chloronaphthalene	9.29	162	568847	42.050	ng	99
48) 2-Nitroaniline	9.39	65	189098	42.290	ng	99
49) Acenaphthylene	9.70	152	851408	43.140	ng	99
50) Dimethylphthalate	9.56	163	666937	42.546	ng	100
51) 2,6-Dinitrotoluene	9.63	165	145997	42.857	ng #	83
52) Acenaphthene	9.87	154	519495	42.906	ng	100
53) 3-Nitroaniline	9.80	138	180692	42.927	ng	99
54) 2,4-Dinitrophenol	9.94	184	19499	17.967	ng	97
55) Dibenzofuran	10.05	168	737550	41.888	ng	99
56) 4-Nitrophenol	9.99	139	98835	36.653	ng	93
57) 2,4-Dinitrotoluene	10.05	165	187064	41.243	ng	96
58) Fluorene	10.39	166	617826	45.606	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	147712	40.092	ng	98
60) Diethylphthalate	10.26	149	653312	44.639	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	311995	45.474	ng	98
62) 4-Nitroaniline	10.42	138	177511	40.807	ng	98
63) Azobenzene	10.53	77	670943	44.571	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	46801	21.336	ng	98
66) n-Nitrosodiphenylamine	10.49	169	541005	43.424	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	194815	43.966	ng	97
68) Hexachlorobenzene	10.95	284	214952	41.952	ng #	92
69) Atrazine	11.02	200	96953	23.655	ng	98
70) Pentachlorophenol	11.15	266	86021	34.580	ng	99
71) Phenanthrene	11.35	178	910400	43.024	ng	100
72) Anthracene	11.40	178	919862	42.953	ng	99
73) Carbazole	11.56	167	842936	43.385	ng	99
74) Di-n-butylphthalate	11.87	149	1078467	47.583	ng	99
75) Fluoranthene	12.54	202	874308	39.467	ng	99
77) Benzidine	12.66	184	380933	44.198	ng	98
78) Pyrene	12.77	202	859073	44.672	ng	99
80) Butylbenzylphthalate	13.37	149	411558	50.593	ng	94
81) Benzo(a)anthracene	13.96	228	700961	42.988	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	259909	45.880	ng	99
83) Chrysene	13.99	228	678600	42.867	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	564563	53.407	ng	98
85) Di-n-octyl phthalate	14.53	149	842462	50.175	ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	622637	46.829	ng	99
88) Benzo(b)fluoranthene	15.00	252	703234	40.945	ng	99
89) Benzo(k)fluoranthene	15.03	252	657199	39.286	ng	98
90) Benzo(a)pyrene	15.36	252	647245	42.157	ng	98
91) Dibenzo(a,h)anthracene	16.88	278	535896	40.324	ng	99
92) Benzo(g,h,i)perylene	17.32	276	463643	35.523	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

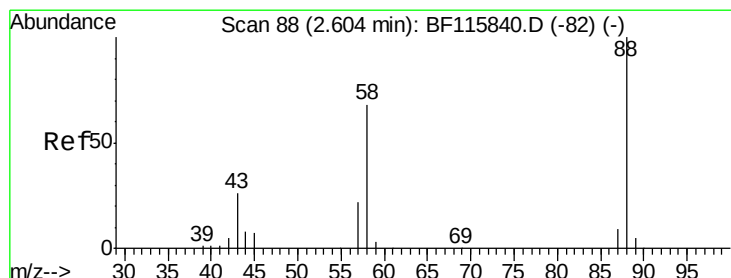
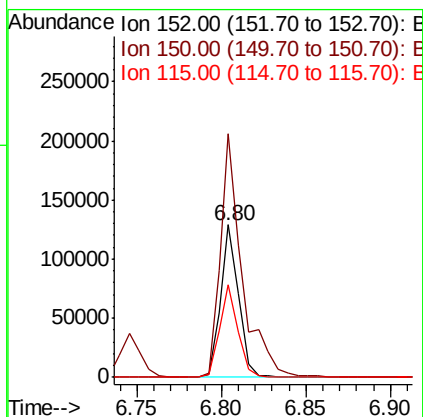
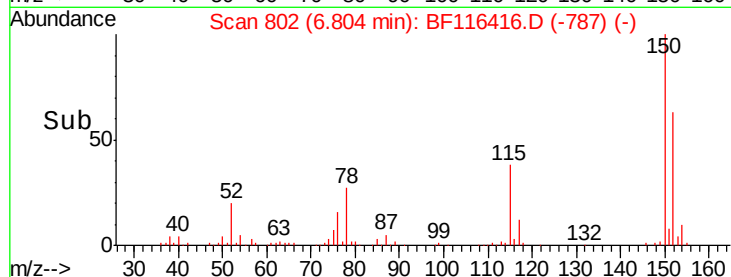
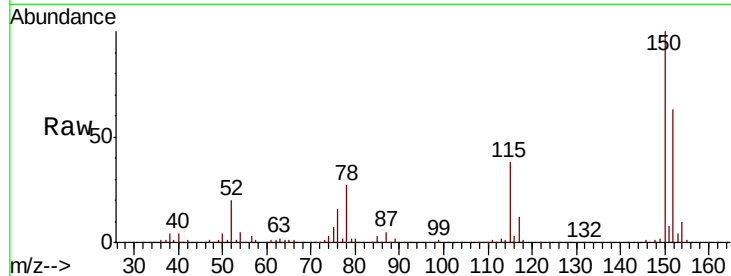


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Instrument :
BNA_F
ClientSampled :

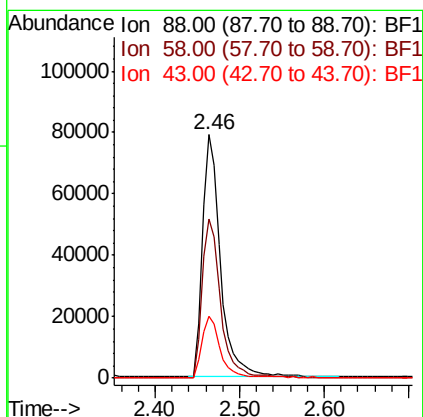
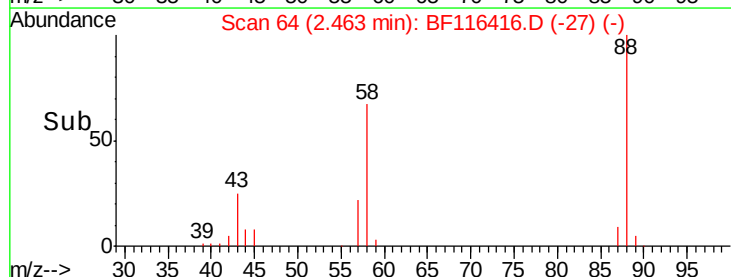
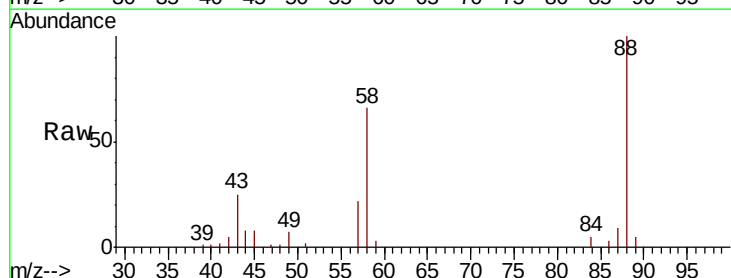
Tot Ion:152 Resp: 96558
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 60.6 49.9 74.9

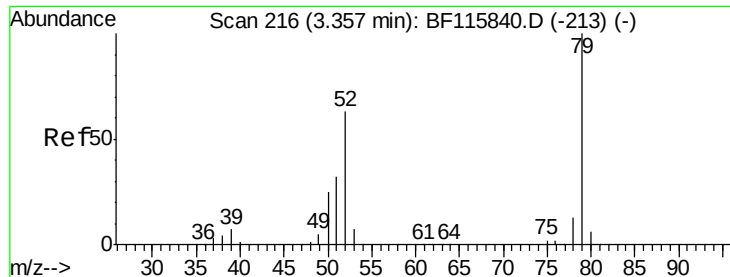


#2

1,4-Dioxane
Concen: 40.113 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.08 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion: 88 Resp: 116883
Ion Ratio Lower Upper
88 100
58 67.6 53.7 80.5
43 26.7 21.0 31.4





#3

Pvridine

Concen: 38.465 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.07 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampled :

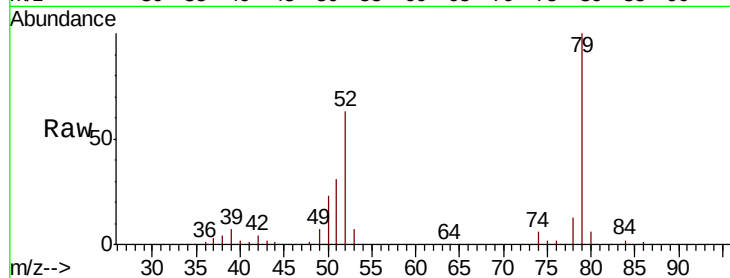
Tot Ion: 79 Resp: 313095

Ion Ratio Lower Upper

79 100

52 63.1 49.8 74.8

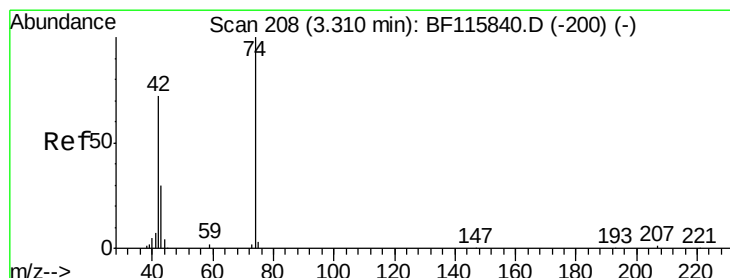
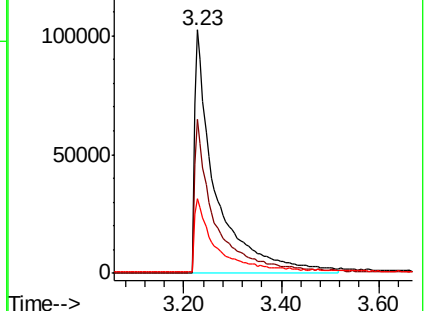
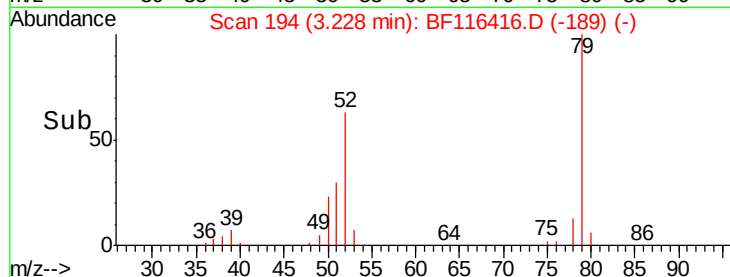
51 30.9 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.398 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.08 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

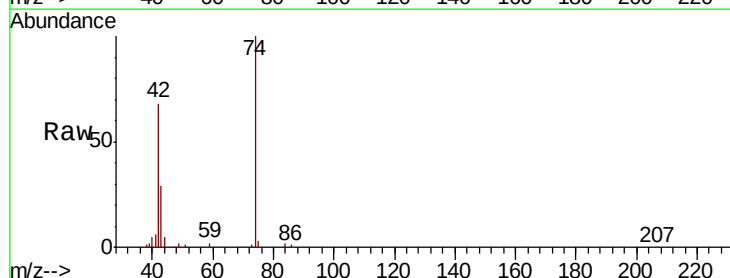
Tgt Ion: 42 Resp: 100858

Ion Ratio Lower Upper

42 100

74 146.0 116.0 174.0

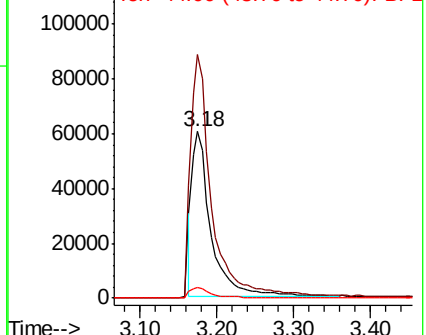
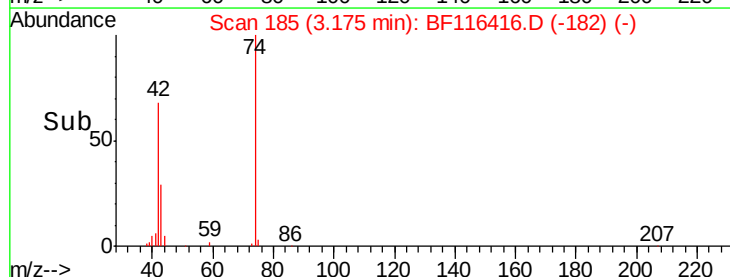
44 6.7 4.6 7.0

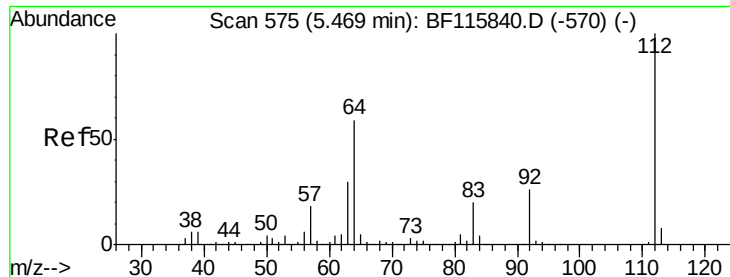


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.284 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampled :

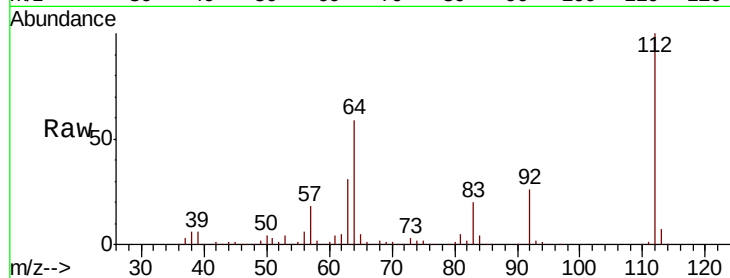
Tot Ion: 112 Resp: 503446

Ion Ratio Lower Upper

112 100

64 59.0 45.4 68.2

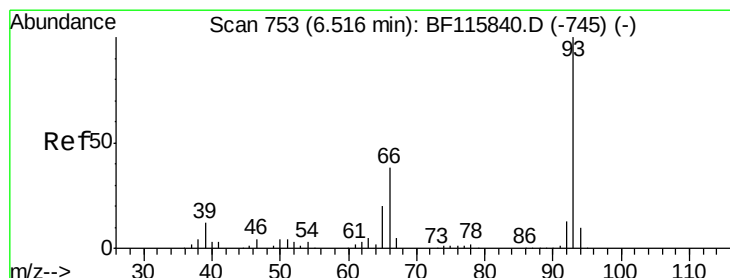
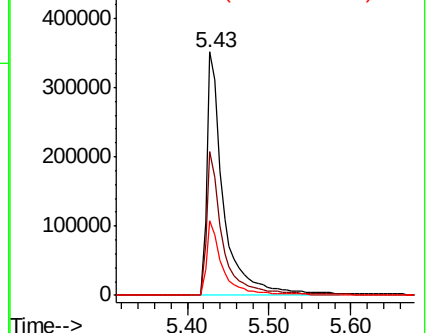
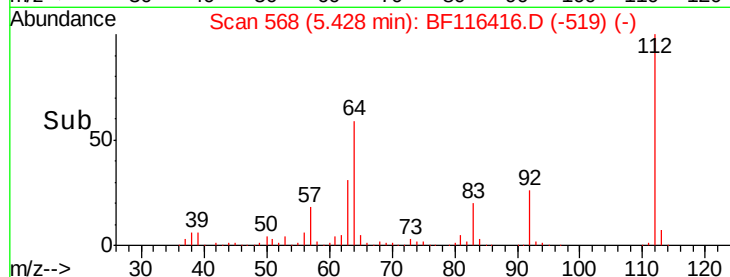
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.963 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

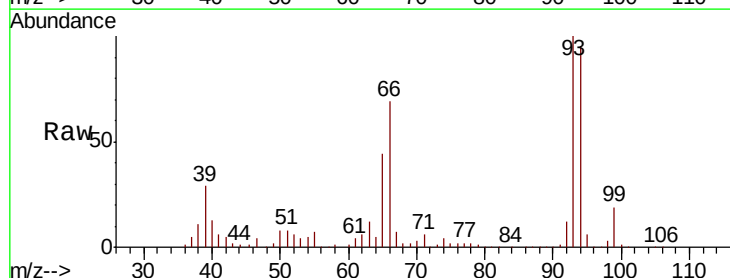
Tgt Ion: 93 Resp: 416487

Ion Ratio Lower Upper

93 100

66 69.5 32.2 48.4#

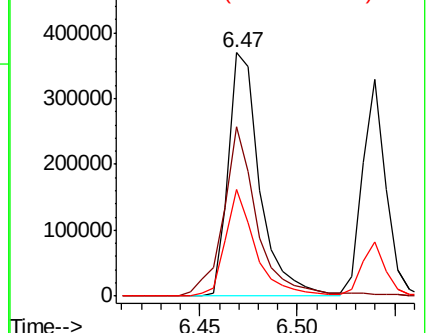
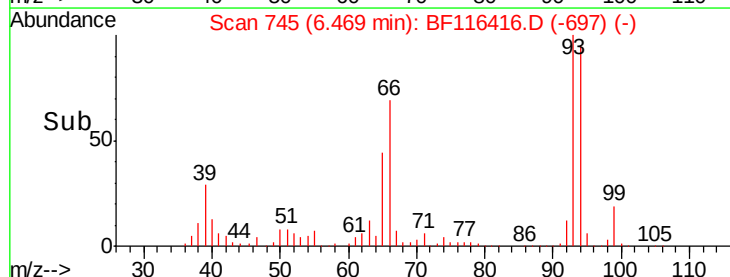
65 43.6 17.0 25.6#

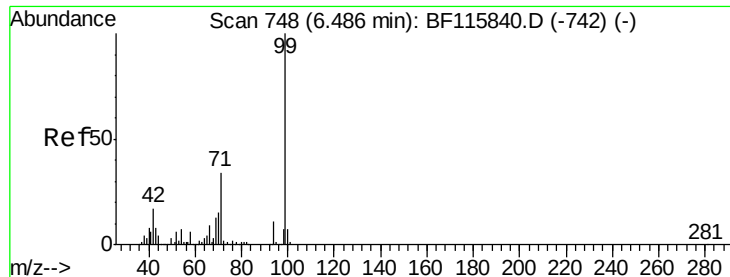


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.212 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

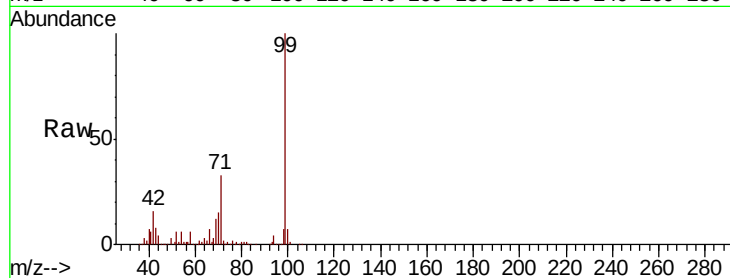
Tot Ion: 99 Resp: 634660

Ion Ratio Lower Upper

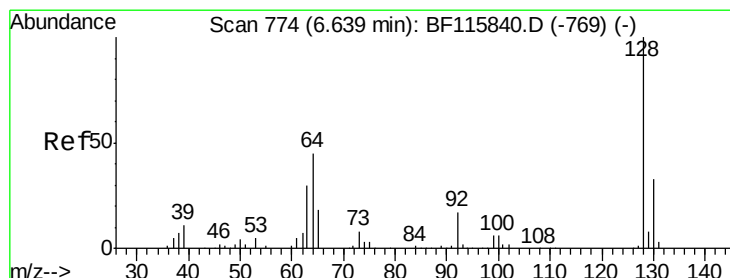
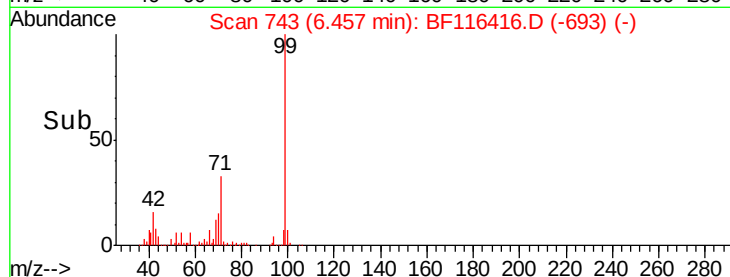
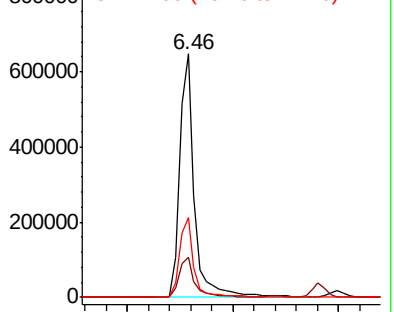
99 100

42 16.4 13.8 20.8

71 32.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.732 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

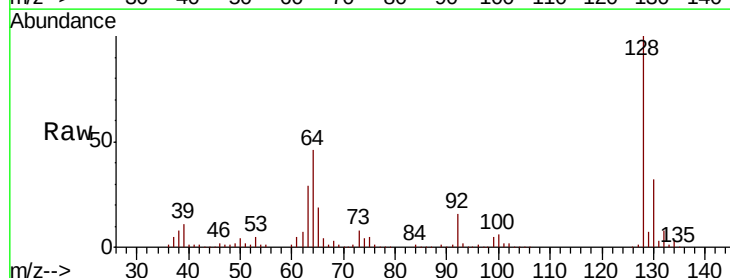
Tgt Ion: 128 Resp: 285309

Ion Ratio Lower Upper

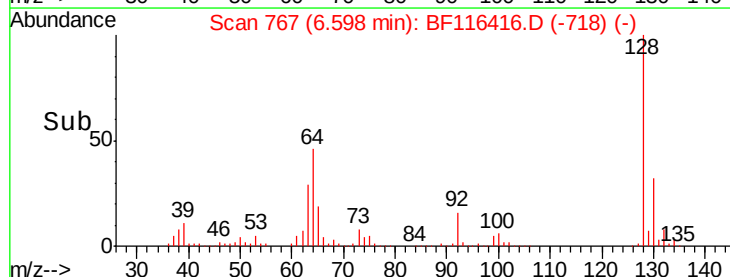
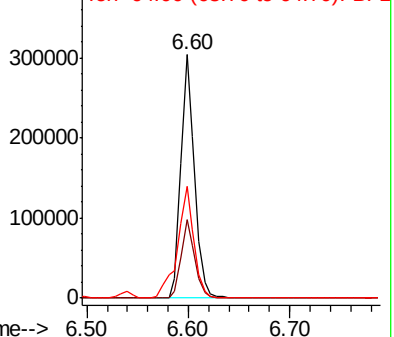
128 100

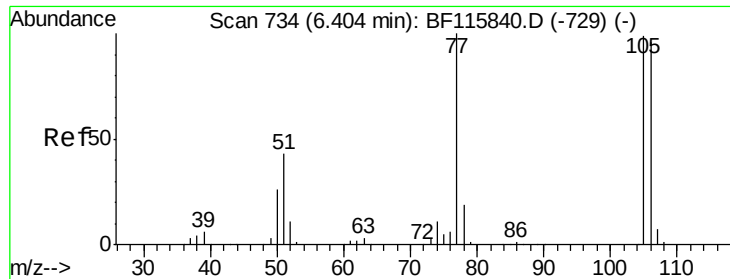
130 32.1 12.9 52.9

64 45.8 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.289 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampled :

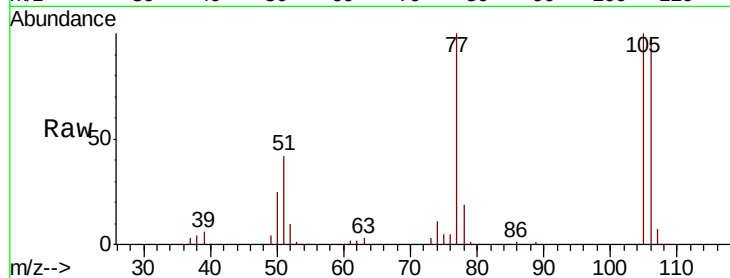
Tot Ion: 77 Resp: 202297

Ion Ratio Lower Upper

77 100

105 99.9 79.2 119.2

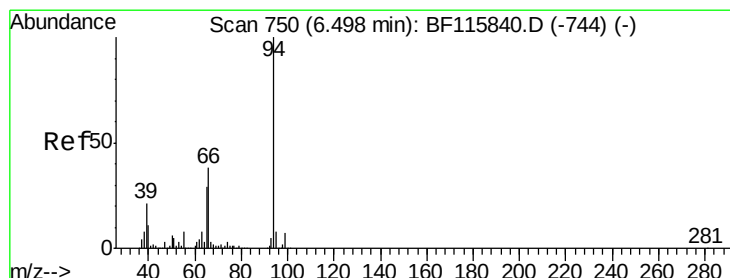
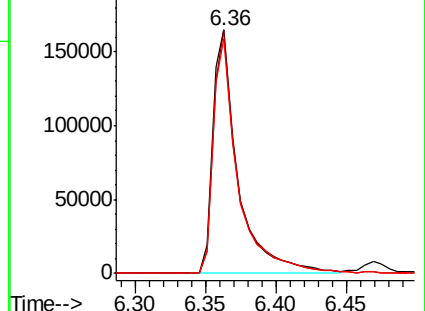
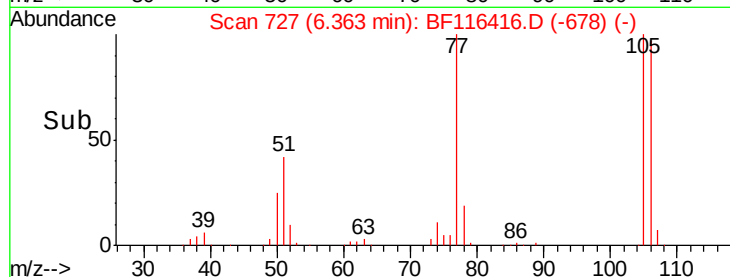
106 96.6 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.779 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

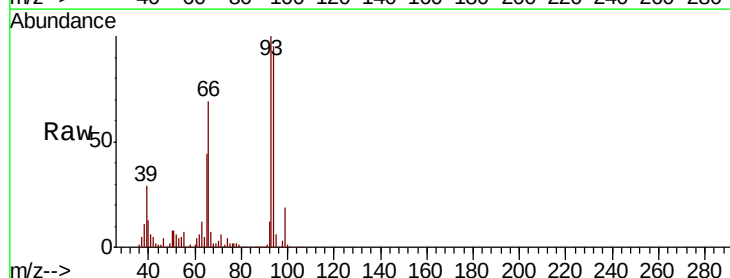
Tgt Ion: 94 Resp: 366601

Ion Ratio Lower Upper

94 100

65 46.1 16.8 56.8

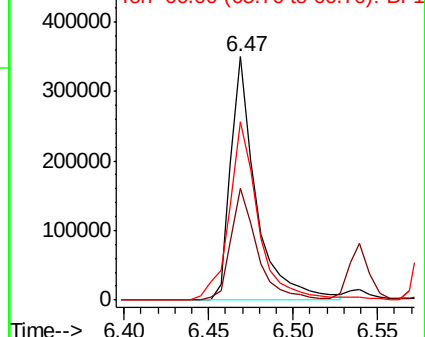
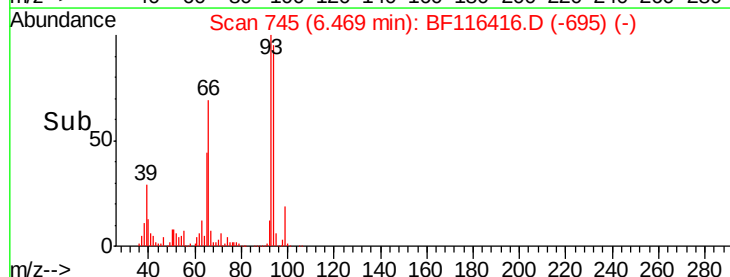
66 73.4 34.2 74.2

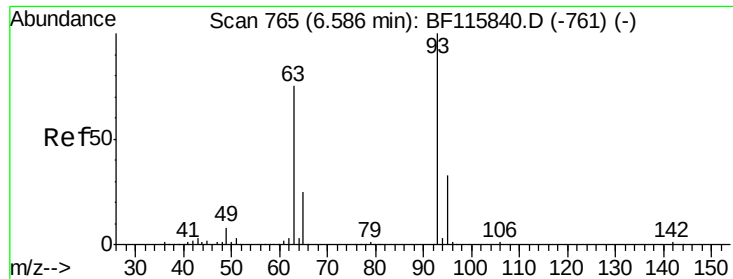


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

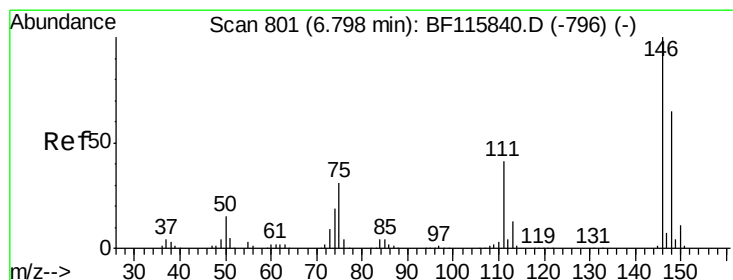
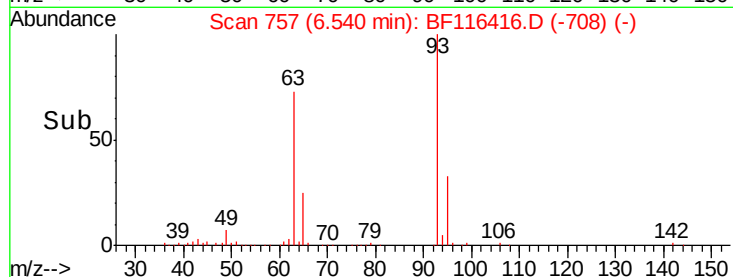
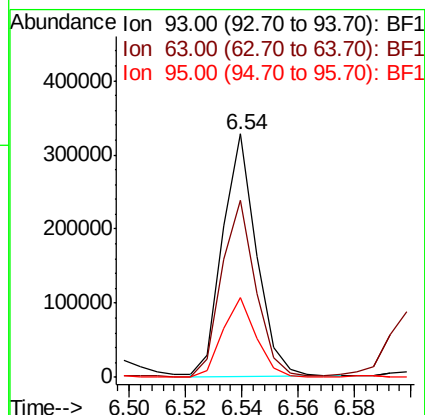
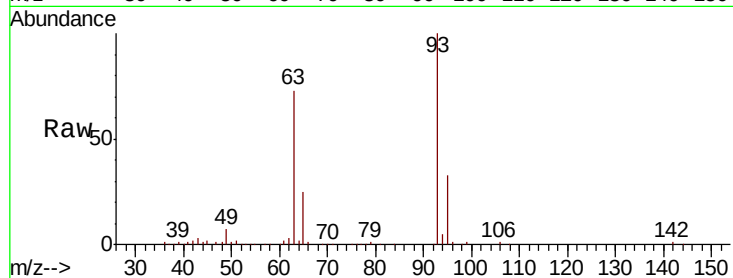




#11
 bis(2-Chloroethyl)ether
 Concen: 42.984 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

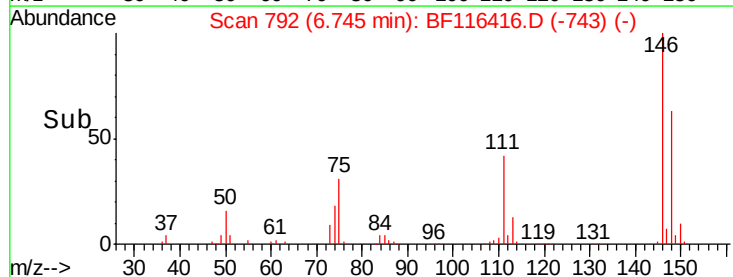
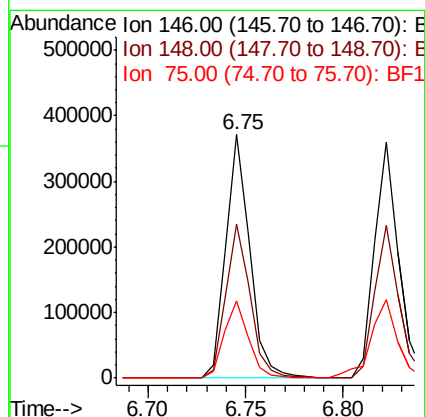
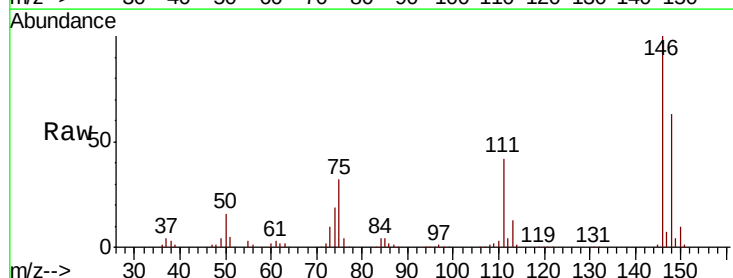
Instrument :
 BNA_F
 ClientSampleId :

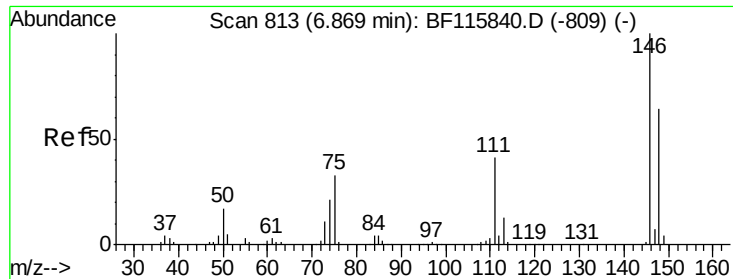
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	51.9	91.9
95	32.6	13.0	53.0



#12
 1,3-Dichlorobenzene
 Concen: 43.044 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.3	76.9
75	31.6	27.4	41.2

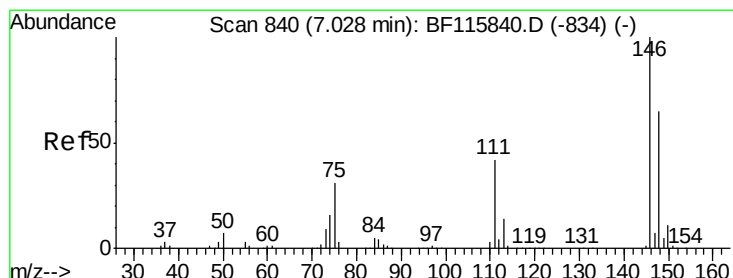
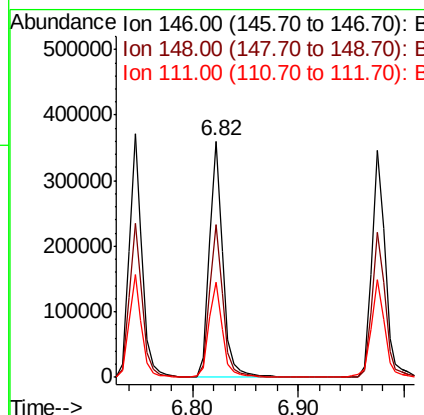
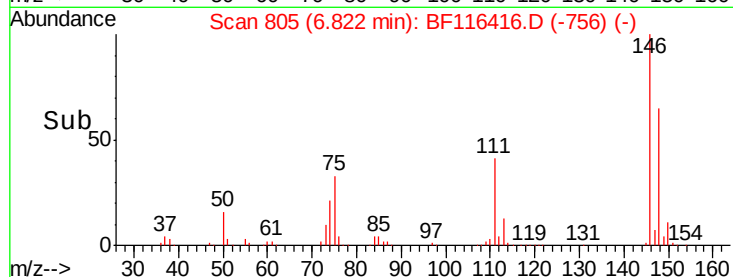
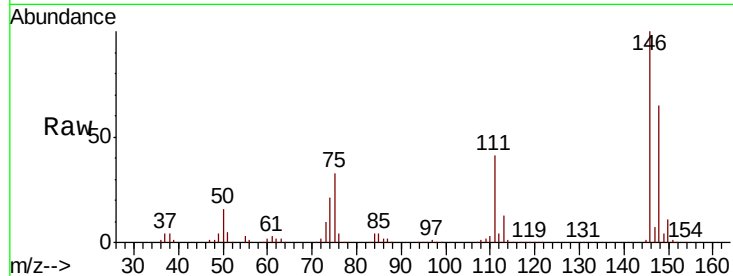




#13
 1,4-Dichlorobenzene
 Concen: 43.160 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

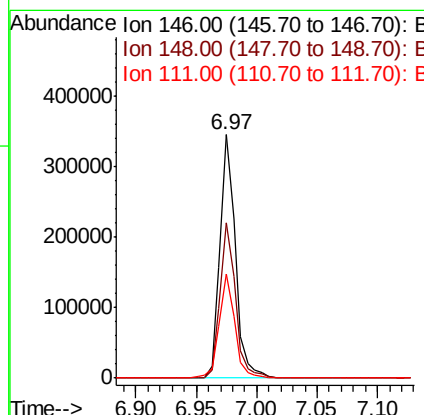
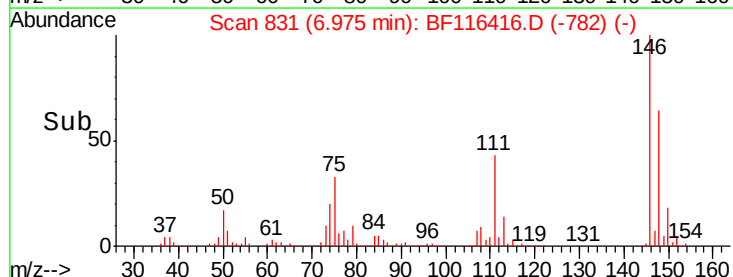
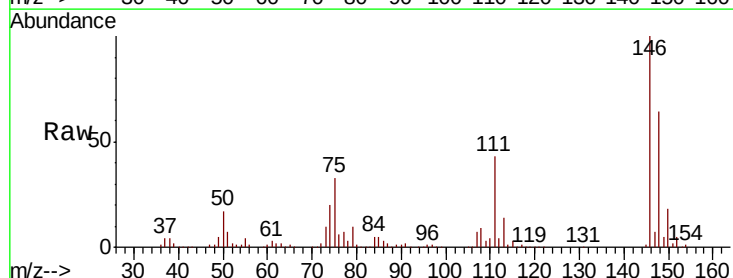
Instrument :
 BNA_F
 ClientSampled :

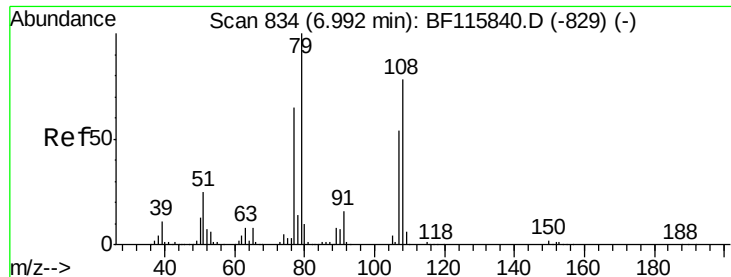
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
111	40.6	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 44.250 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	42.9	33.5	50.3

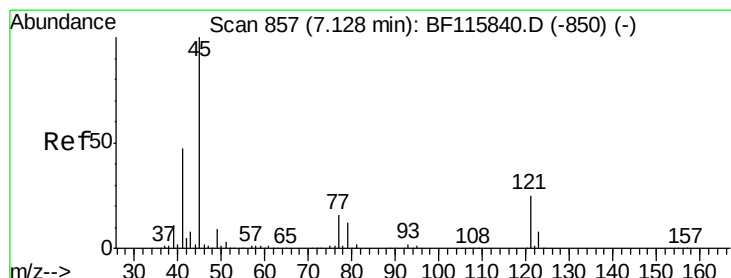
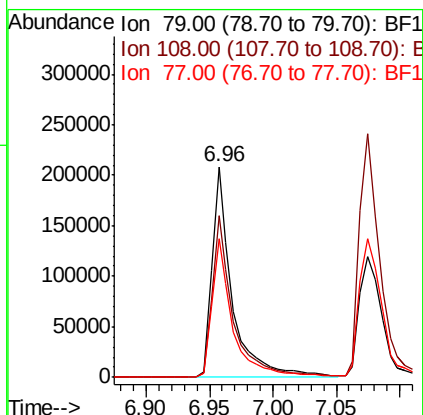
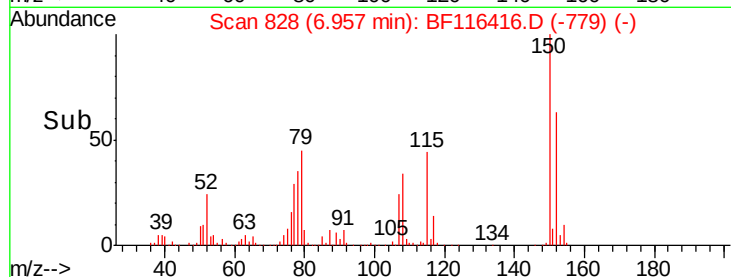
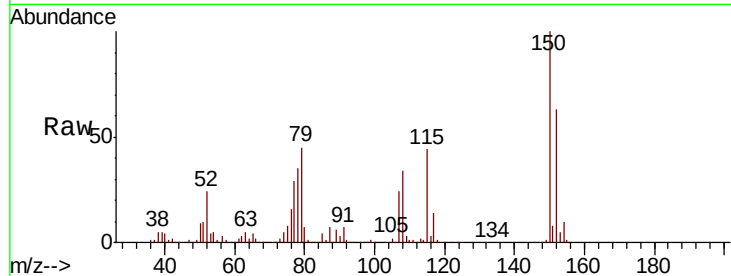




#15
Benzyl Alcohol
Concen: 42.688 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

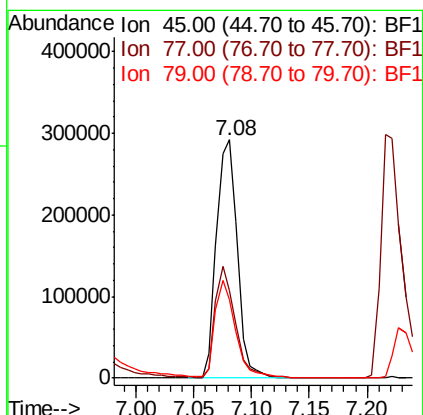
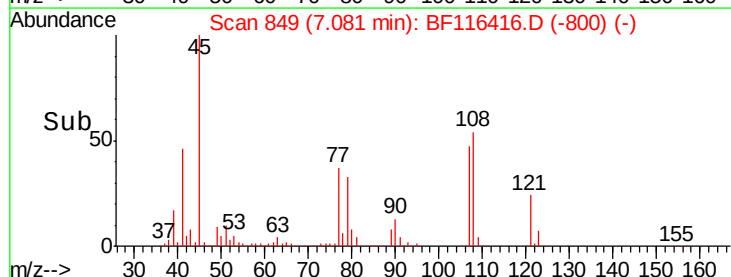
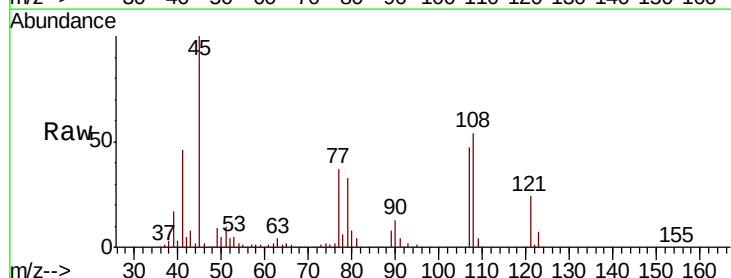
Instrument :
BNA_F
ClientSampleId :

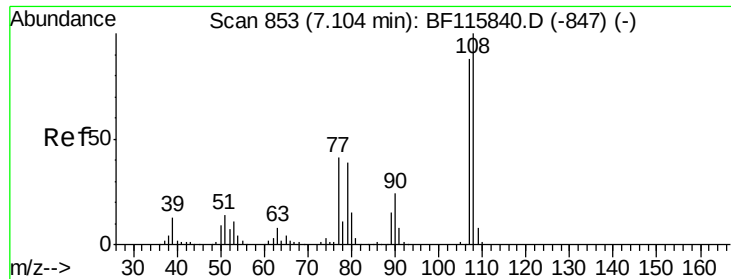
Tot Ion: 79 Resp: 235748
Ion Ratio Lower Upper
79 100
108 76.6 62.7 94.1
77 65.7 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.509 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion: 45 Resp: 365320
Ion Ratio Lower Upper
45 100
77 37.0 0.0 40.0
79 33.0 0.0 35.9

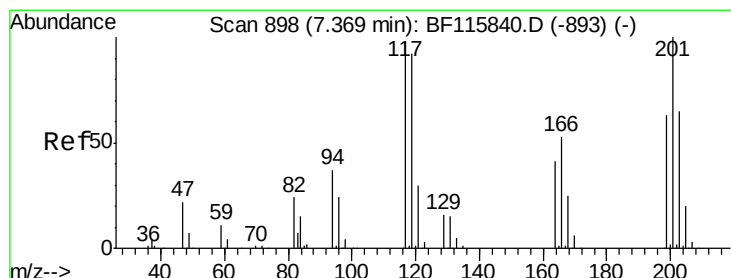
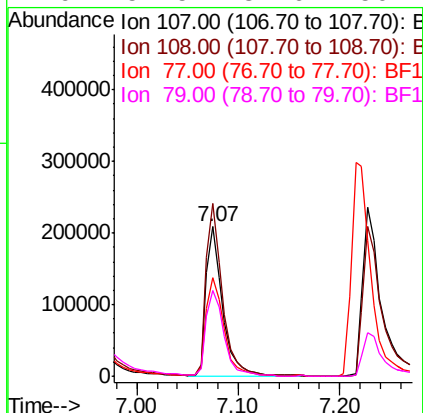
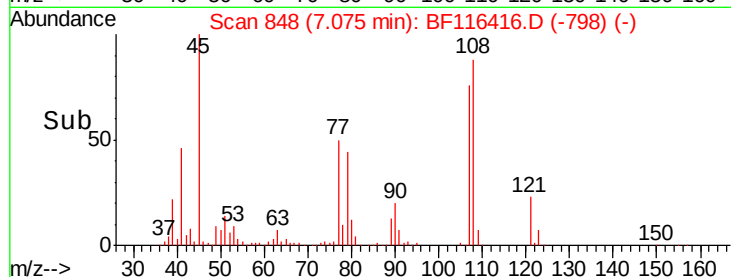
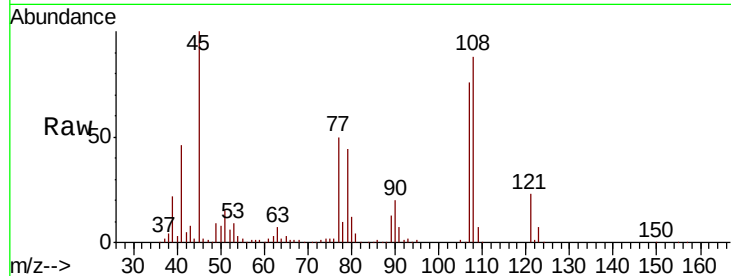




#17
2-Methylphenol
Concen: 43.451 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

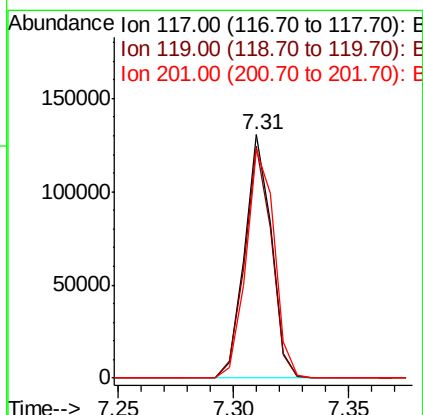
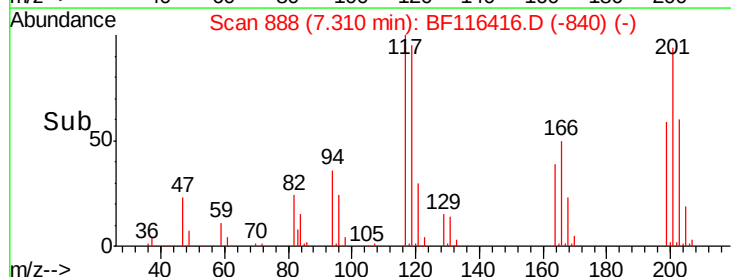
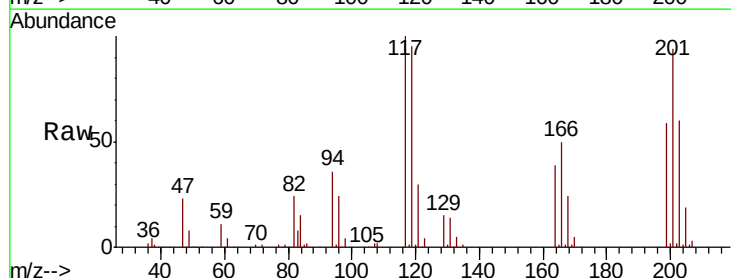
Instrument :
BNA_F
ClientSampled :

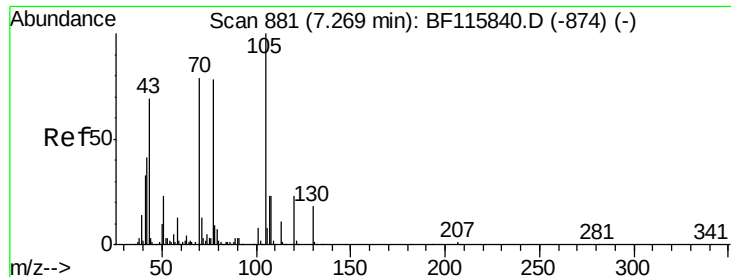
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.2	136.8
77	65.7	40.3	60.5
79	57.5	37.6	56.4



#18
Hexachloroethane
Concen: 38.891 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
201	93.7	77.0	115.4

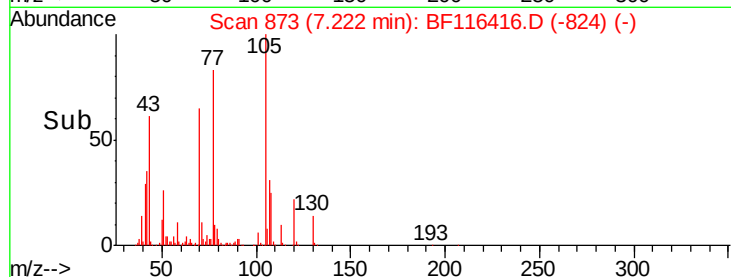
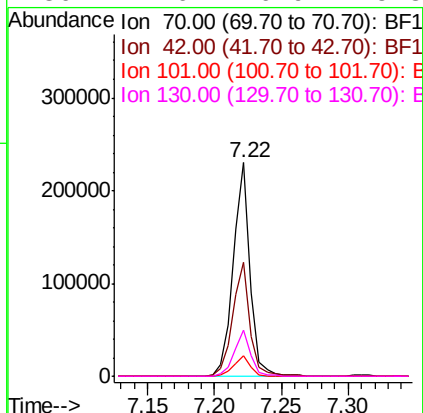
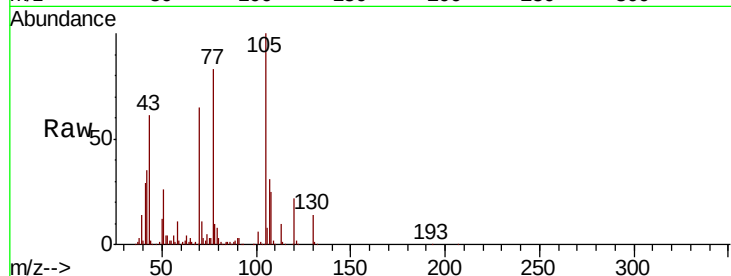




#19
n-Nitroso-di-n-propylamine
Concen: 45.291 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

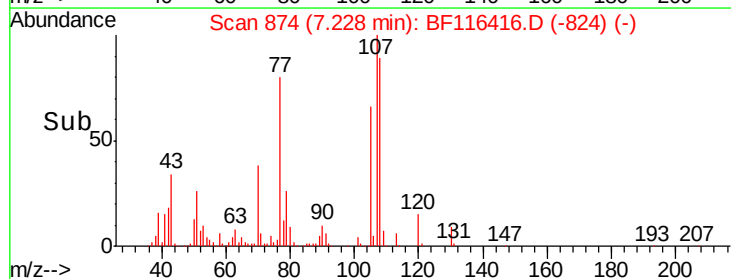
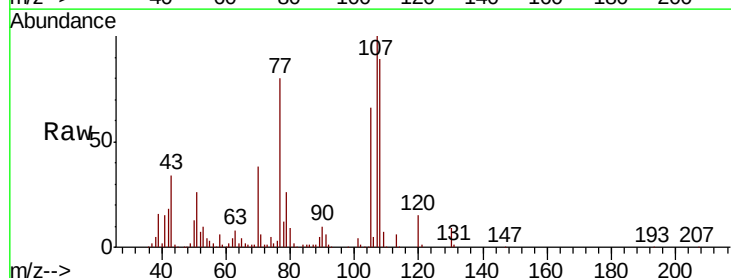
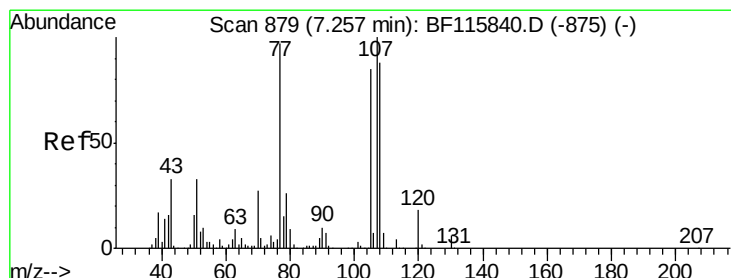
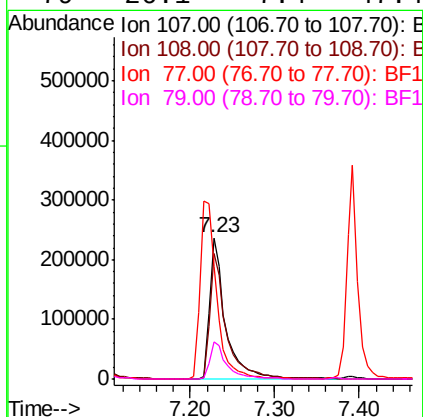
Instrument :
BNA_F
ClientSampleId :

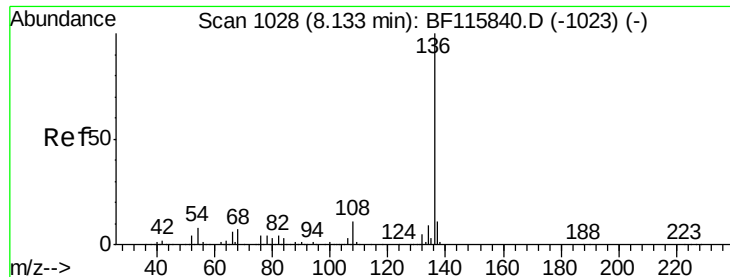
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.1	40.9	61.3
101	9.9	7.9	11.9
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 48.781 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.6	107.6
77	80.0	104.4	144.4#
79	26.1	7.4	47.4

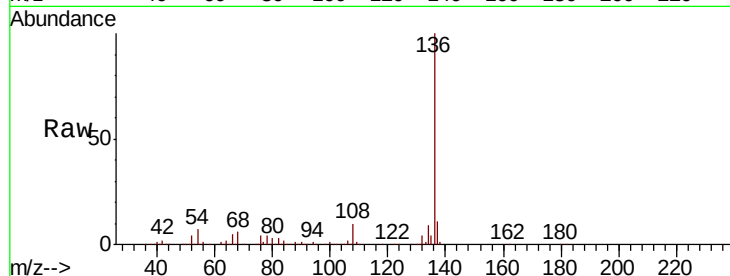




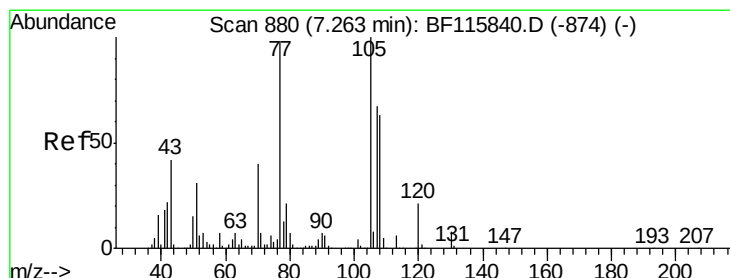
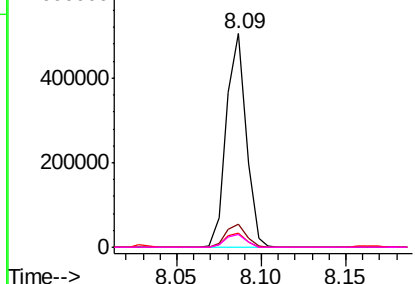
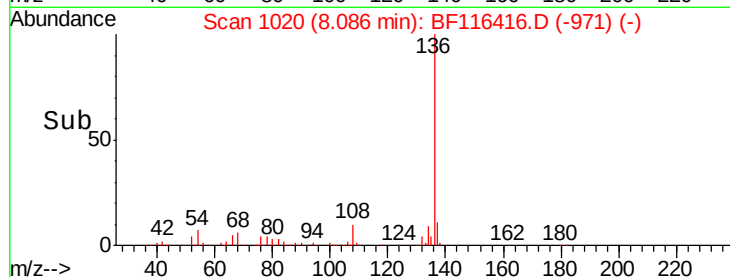
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	413957
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.7	5.8 8.6
68	6.0	5.2 7.8

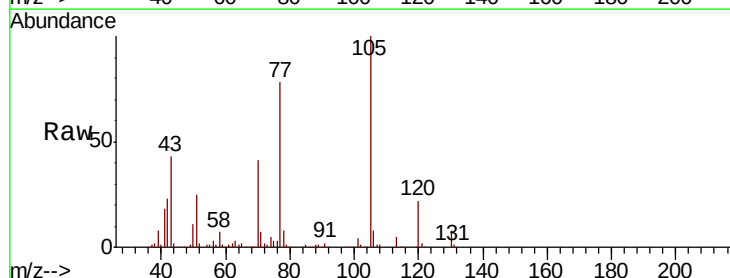


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

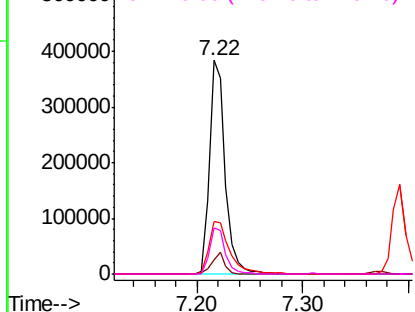
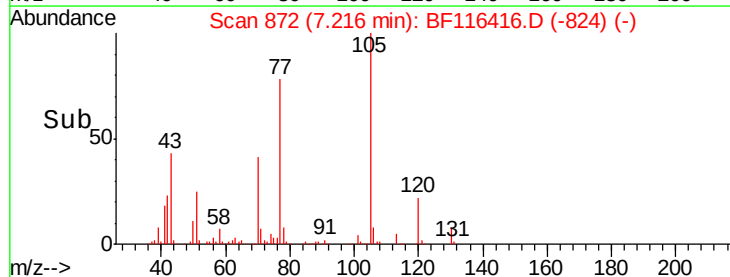


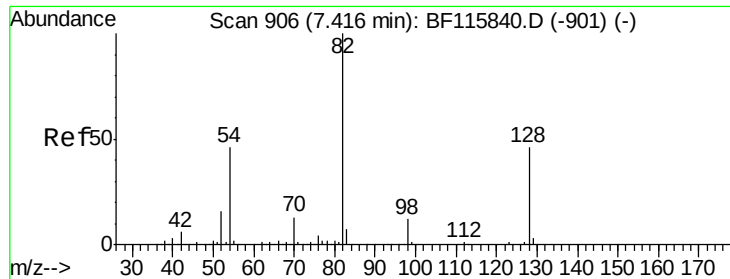
#22
Acetophenone
Concen: 43.867 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:105	Resp:	398254
Ion Ratio	Lower	Upper
105	100	
71	6.9	5.9 8.9
51	24.7	25.3 37.9#
120	21.9	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

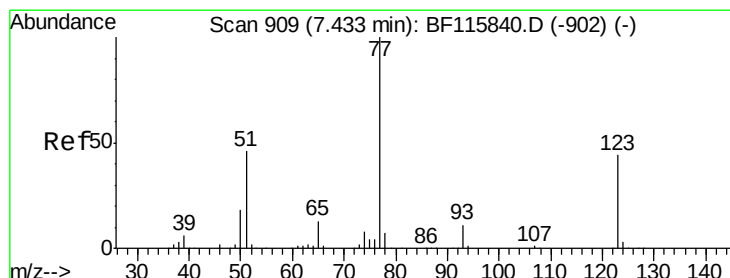
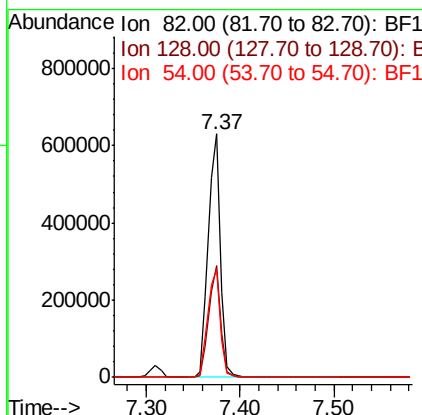
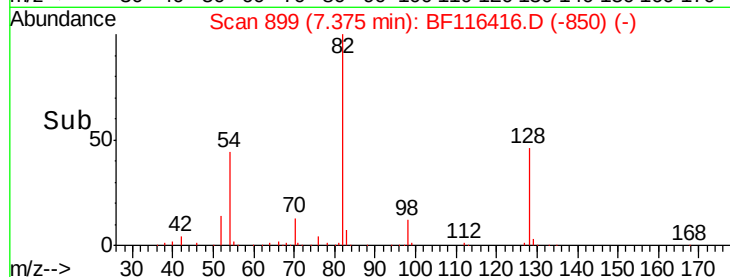
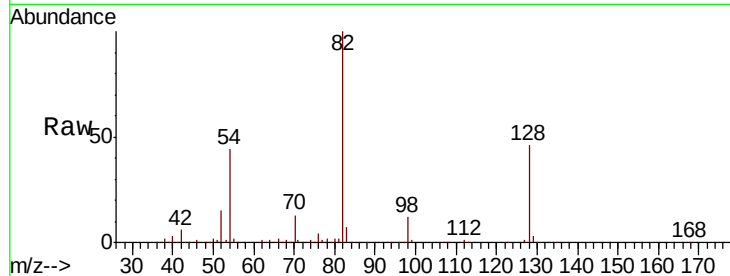




#23
 Nitrobenzene-d5
 Concen: 81.394 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

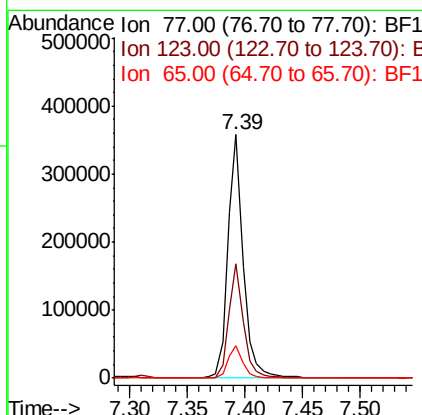
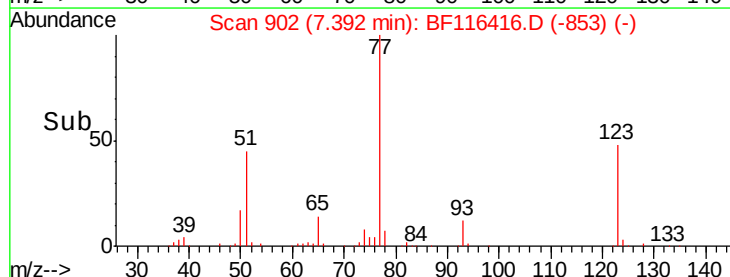
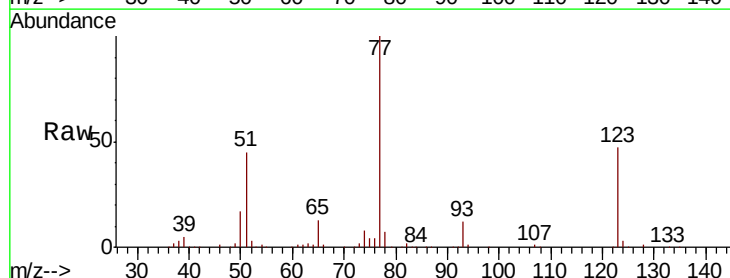
Instrument :
 BNA_F
 ClientSampleId :

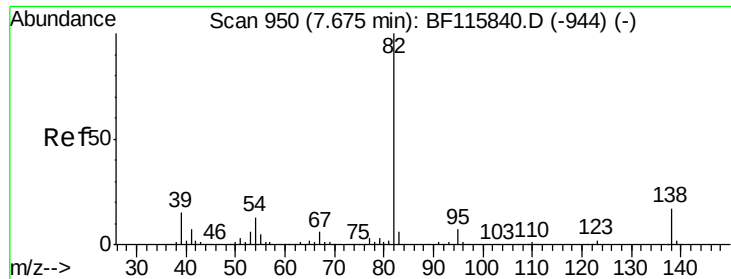
Tot Ion: 82 Resp: 583710
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 44.4 36.0 54.0



#24
 Nitrobenzene
 Concen: 41.840 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion: 77 Resp: 323987
 Ion Ratio Lower Upper
 77 100
 123 47.0 36.7 55.1
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 42.074 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

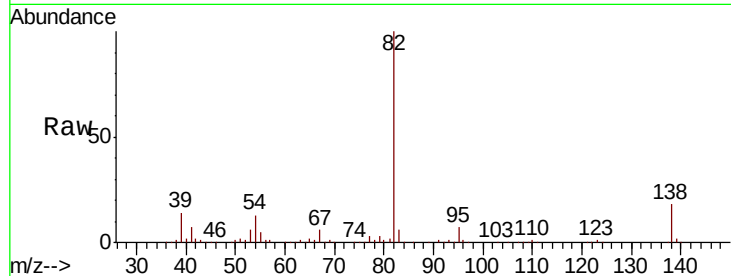
Tot Ion: 82 Resp: 576956

Ion Ratio Lower Upper

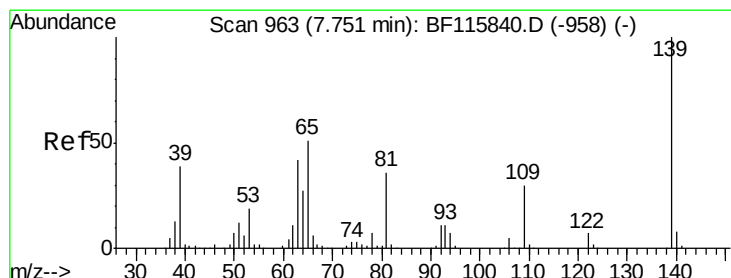
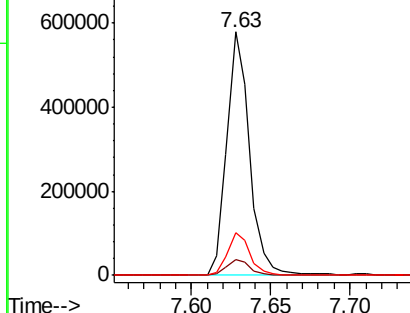
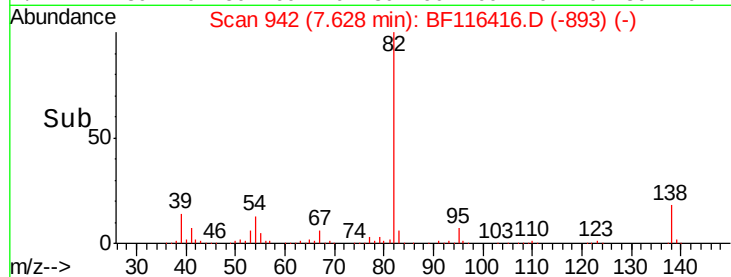
82 100

95 6.5 5.4 8.0

138 17.6 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.492 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

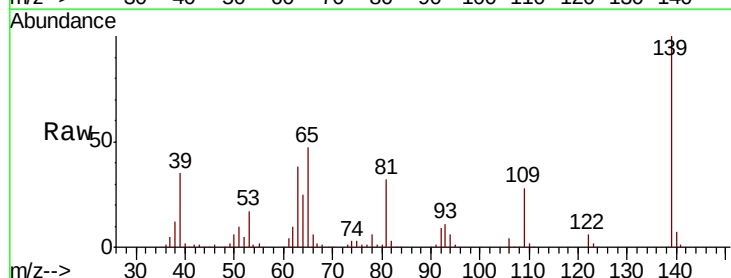
Tgt Ion: 139 Resp: 158750

Ion Ratio Lower Upper

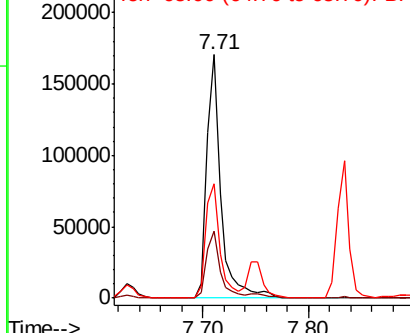
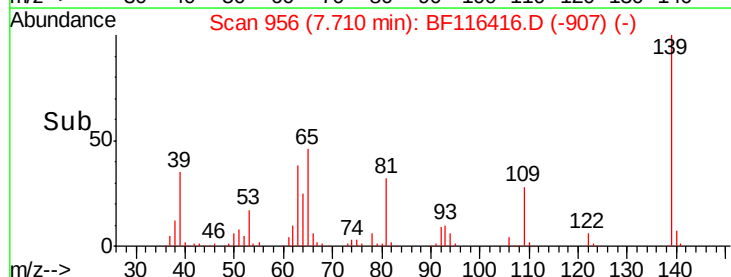
139 100

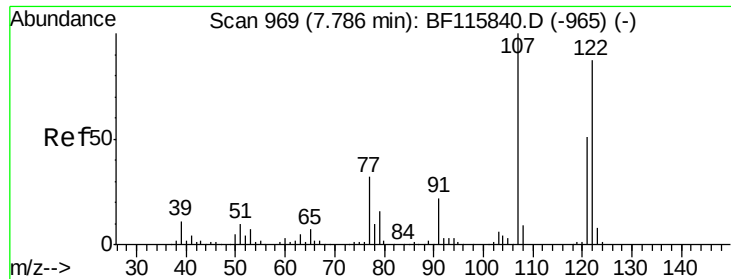
109 27.7 23.4 35.2

65 46.8 41.1 61.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

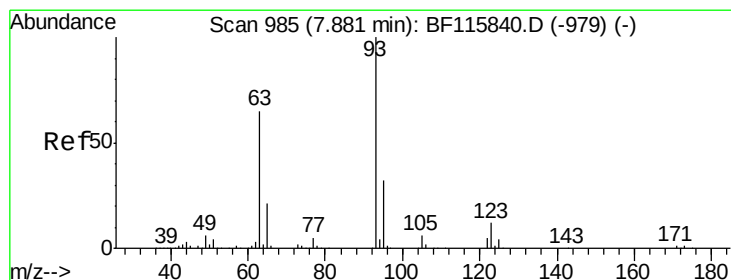
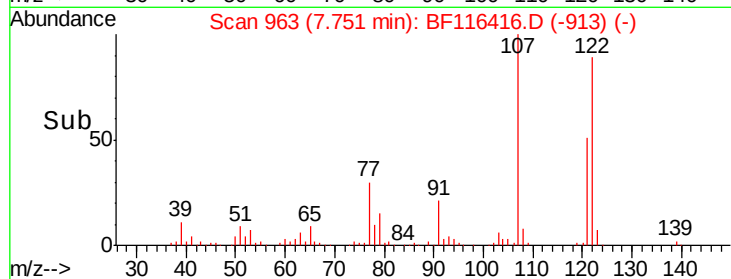
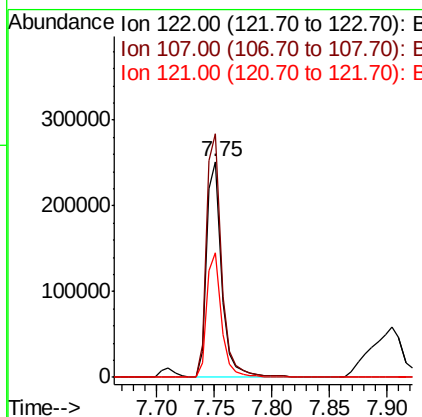
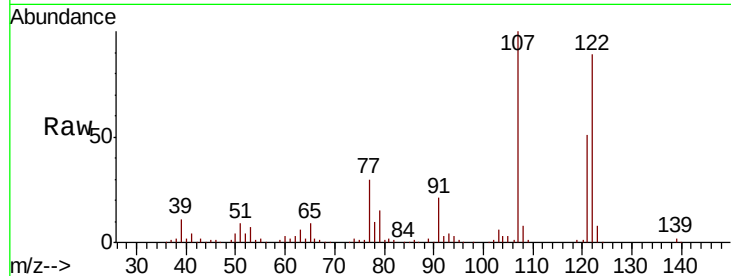




#27
 2,4-Dimethylphenol
 Concen: 41.738 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

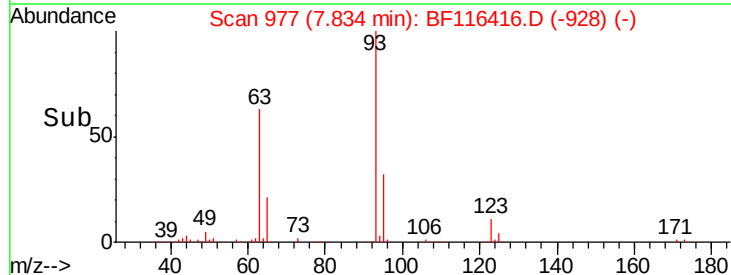
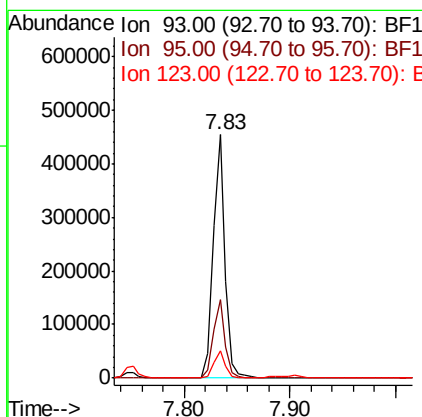
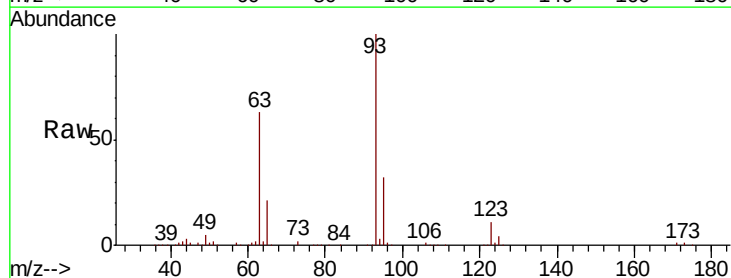
Instrument :
 BNA_F
 ClientSampleId :

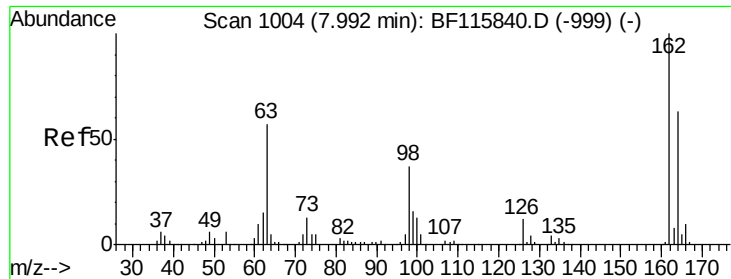
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	93.0	139.6
121	57.8	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.464 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.3	9.2	13.8

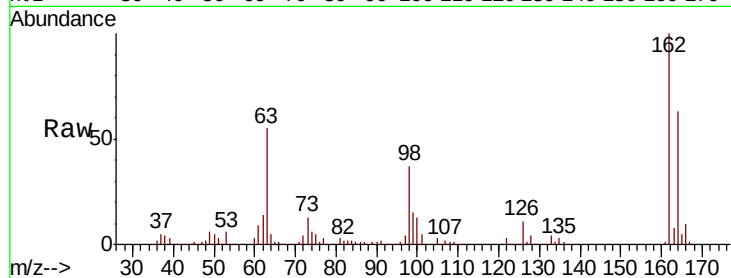




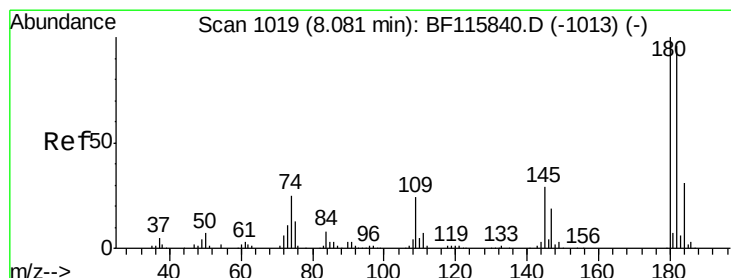
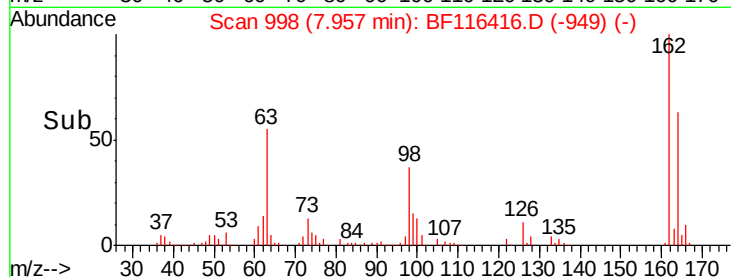
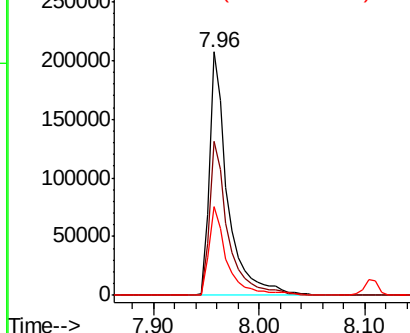
#29
 2,4-Dichlorophenol
 Concen: 43.326 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.1	85.1
98	36.6	15.8	55.8

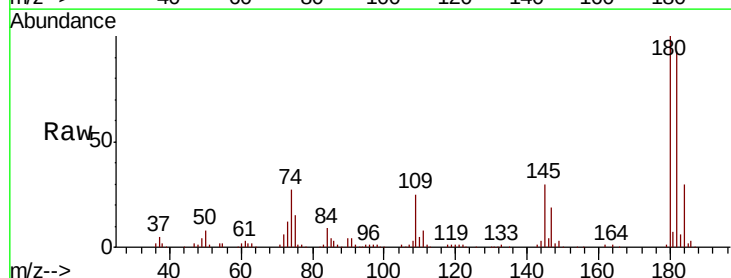


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

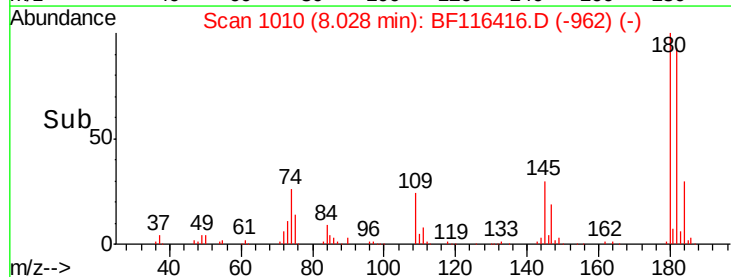
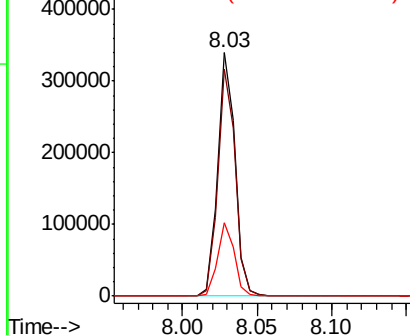


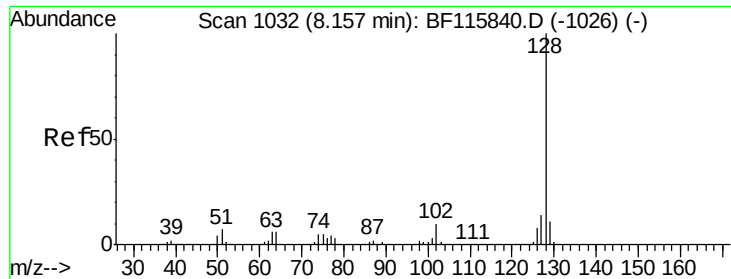
#30
 1,2,4-Trichlorobenzene
 Concen: 41.758 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.7	113.5
145	30.0	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

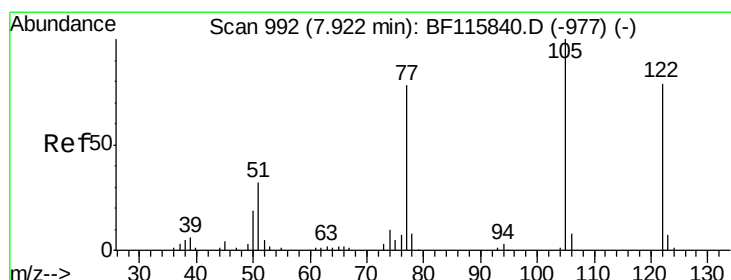
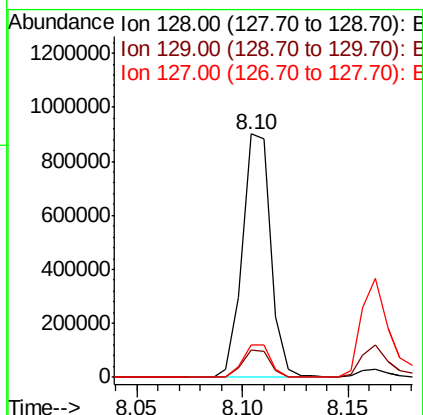
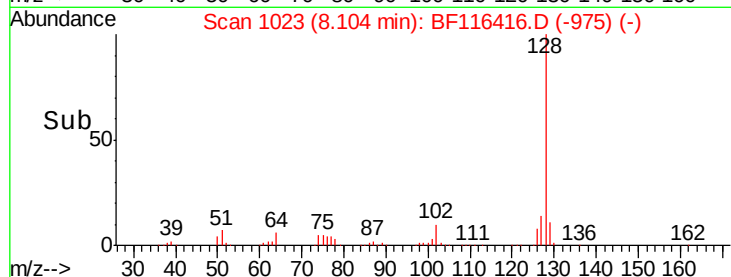
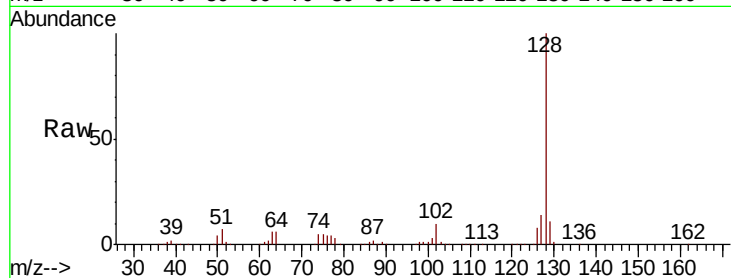




#31
Naphthalene
Concen: 43.068 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

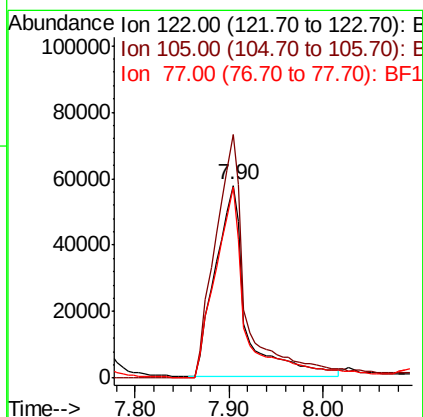
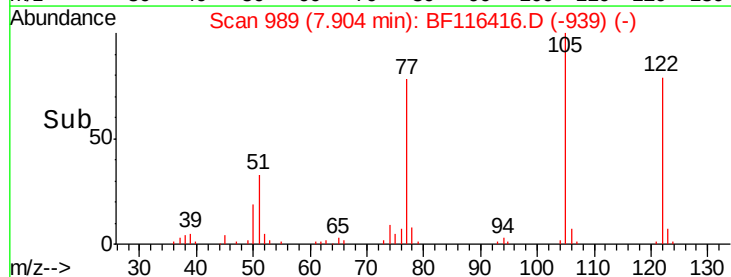
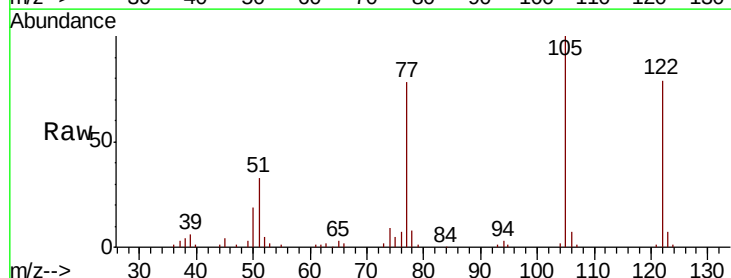
Instrument :
BNA_F
ClientSampleId :

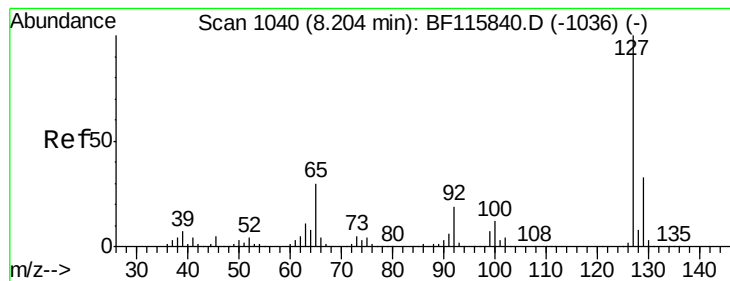
Tot Ion:128 Resp: 838969
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 34.324 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:122 Resp: 132894
Ion Ratio Lower Upper
122 100
105 126.2 106.1 146.1
77 98.8 76.7 116.7





#33

4-Chloroaniline

Concen: 42.716 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 371792

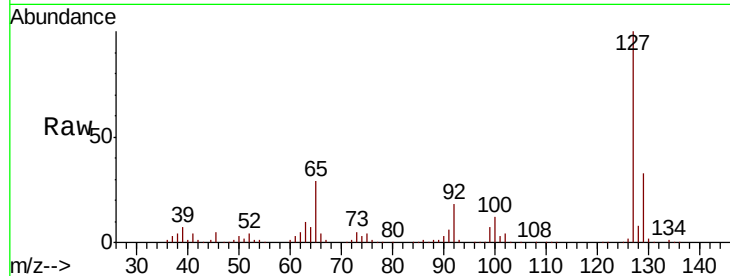
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 29.3 24.9 37.3

92 18.3 15.7 23.5

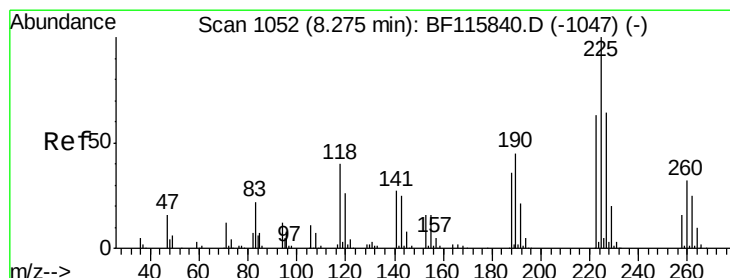
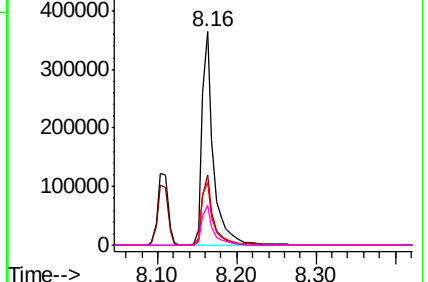
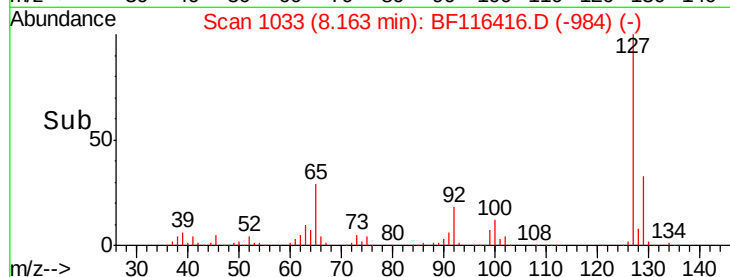


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.025 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

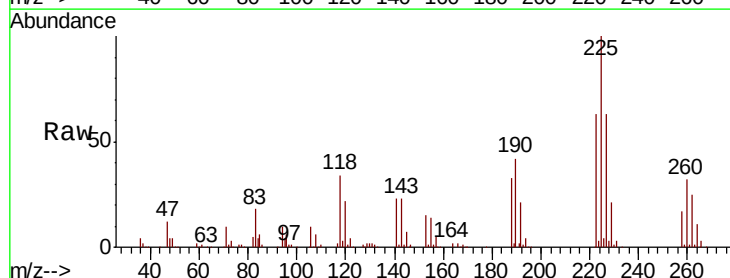
Tgt Ion:225 Resp: 156185

Ion Ratio Lower Upper

225 100

223 63.4 50.0 75.0

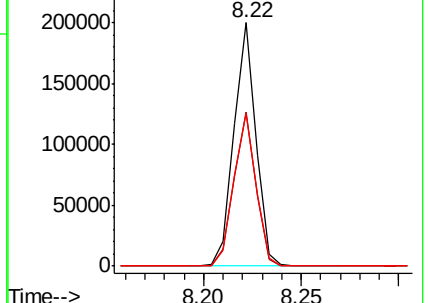
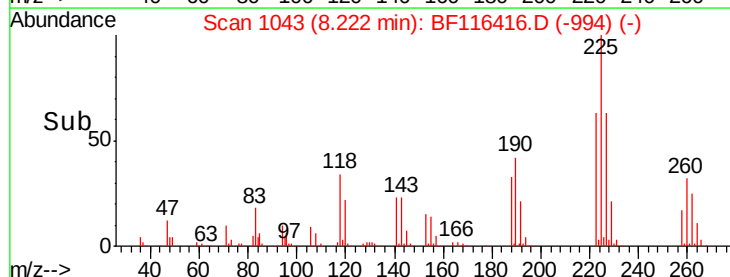
227 62.9 51.0 76.4

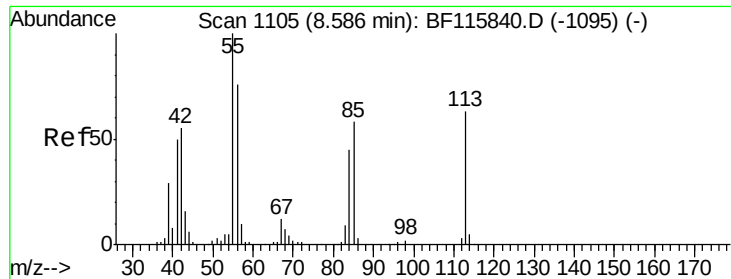


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

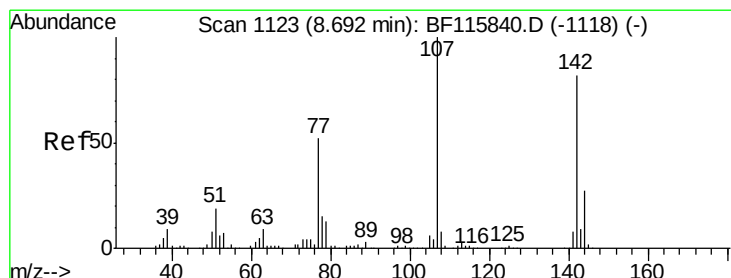
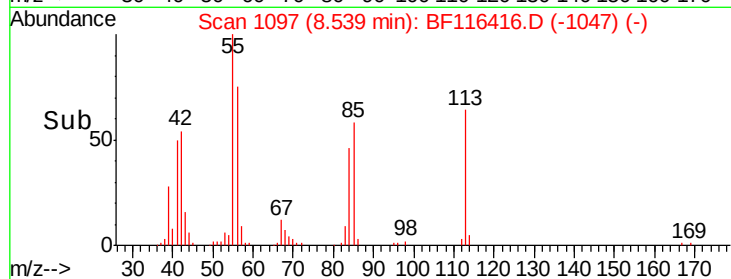
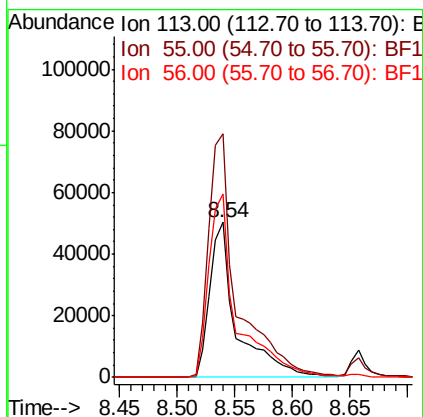
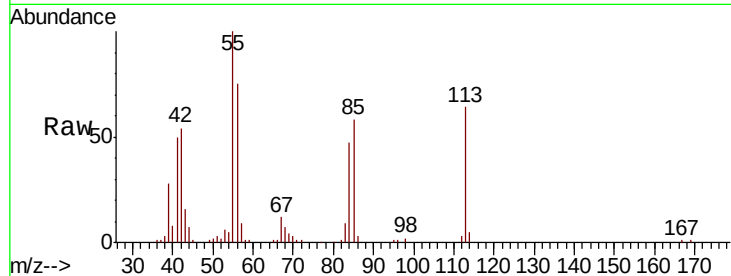




#35
 Caprolactam
 Concen: 43.999 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

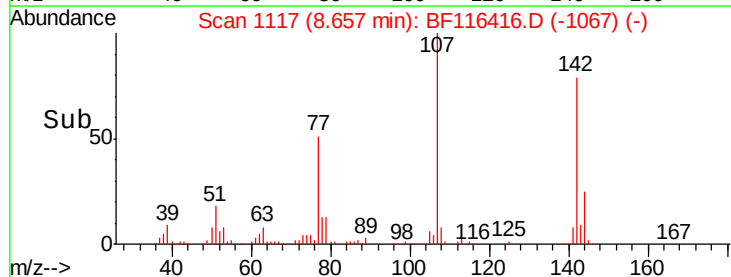
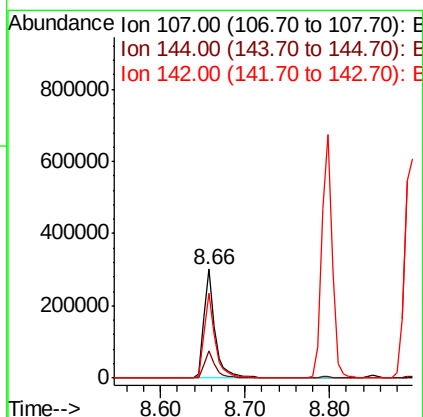
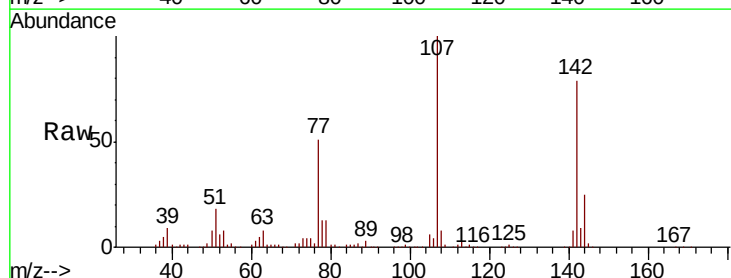
Instrument :
 BNA_F
 ClientSampleId :

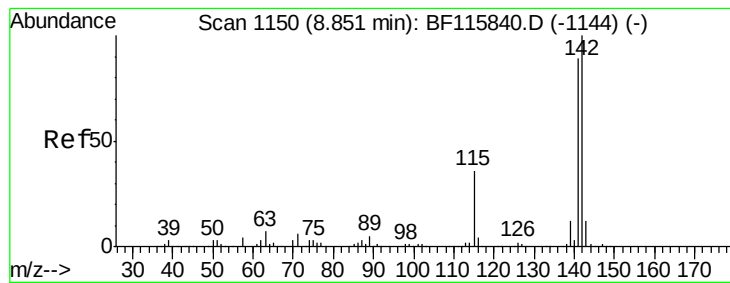
Tot Ion:113 Resp: 82513
 Ion Ratio Lower Upper
 113 100
 55 157.3 144.3 184.3
 56 118.1 97.1 137.1



#36
 4-Chloro-3-methylphenol
 Concen: 45.246 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion:107 Resp: 272931
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 78.6 61.7 92.5





#37

2-Methylnaphthalene

Concen: 43.484 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

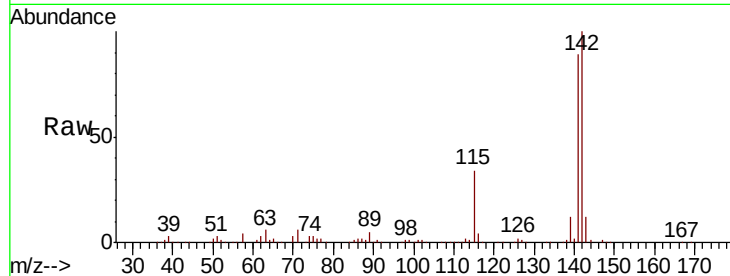
Tot Ion:142 Resp: 557866

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

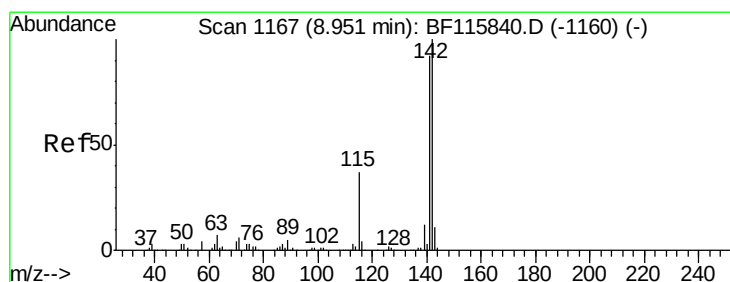
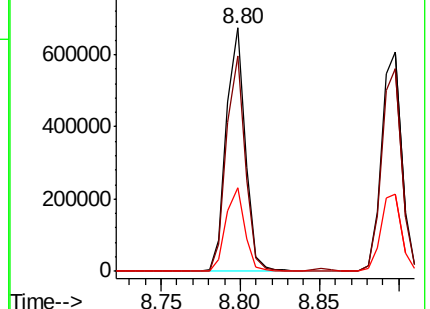
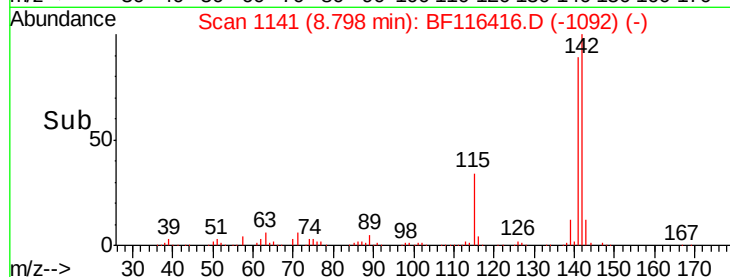
115 34.5 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.411 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

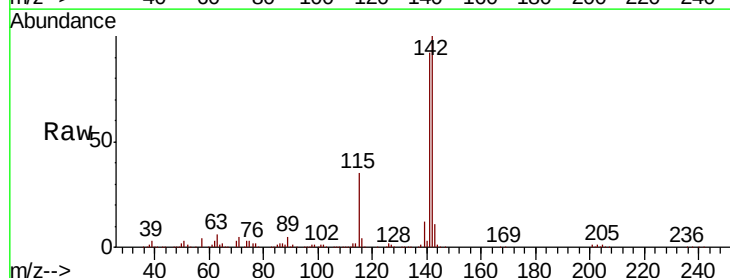
Tgt Ion:142 Resp: 539017

Ion Ratio Lower Upper

142 100

141 92.3 74.4 111.6

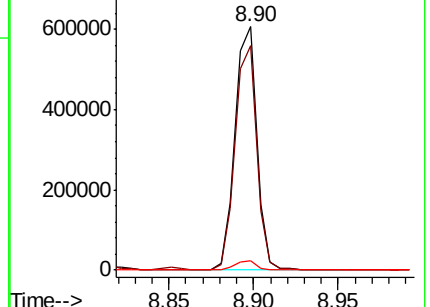
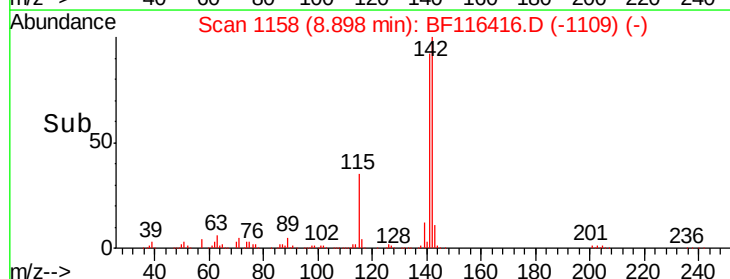
116 3.6 3.1 4.7

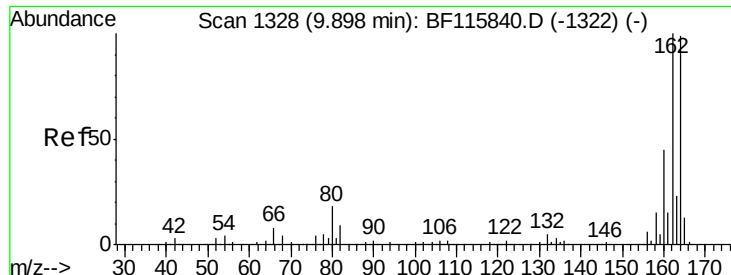


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

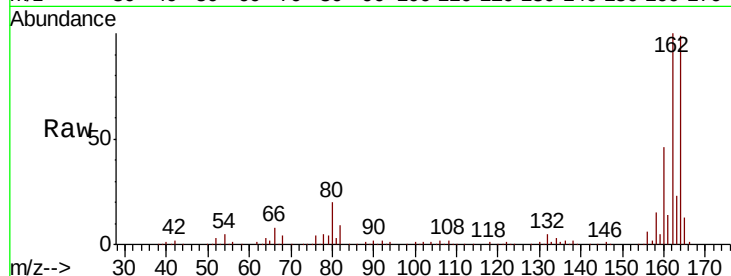
Tot Ion:164 Resp: 230225

Ion Ratio Lower Upper

164 100

162 100.9 82.6 124.0

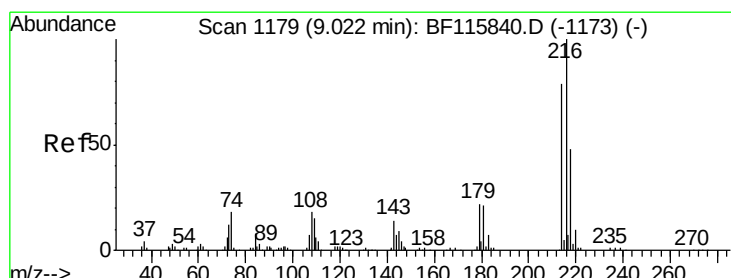
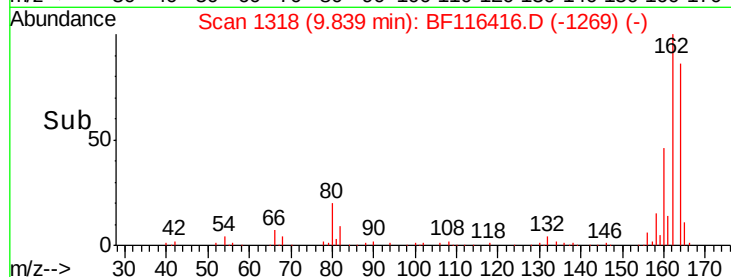
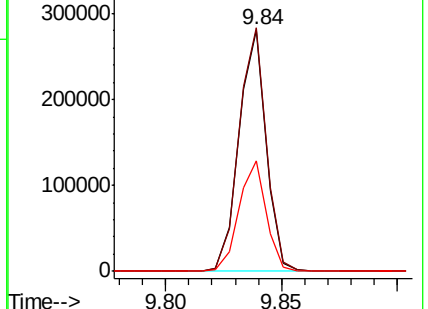
160 46.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.046 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Tgt Ion:216 Resp: 258784

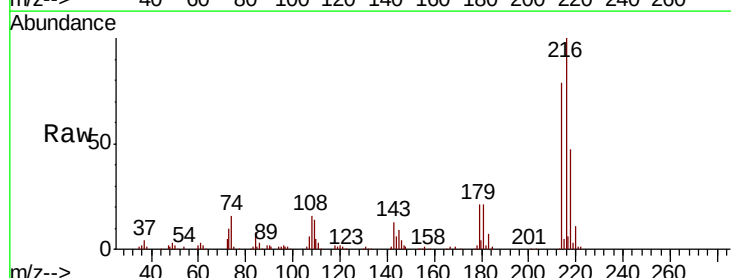
Ion Ratio Lower Upper

216 100

214 78.7 63.6 95.4

179 22.1 17.8 26.8

108 18.2 16.5 24.7

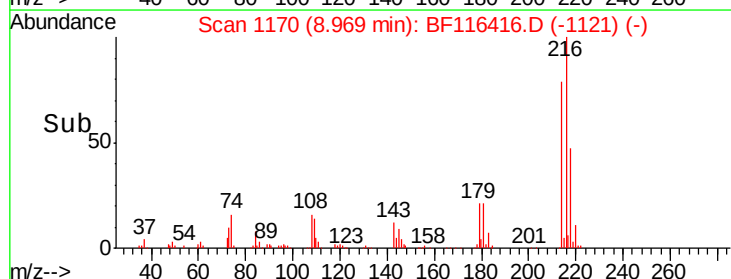
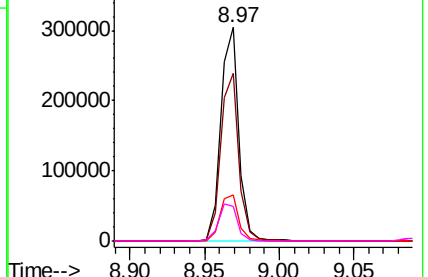


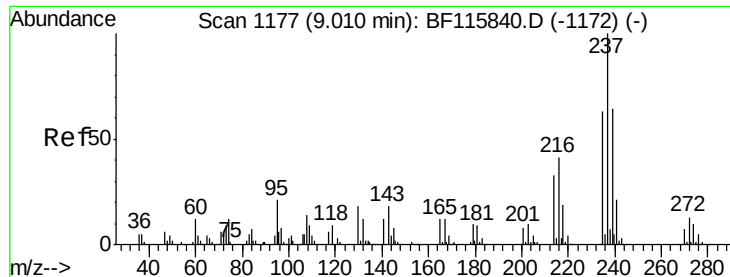
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.018 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampled :

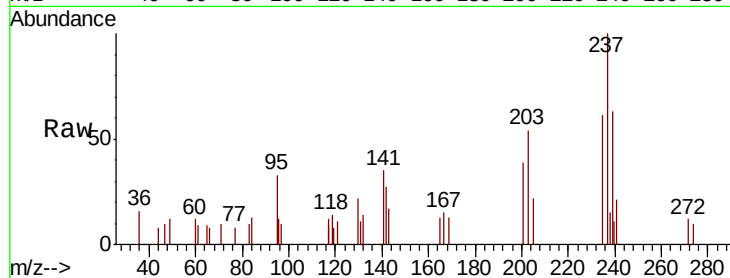
Tot Ion:237 Resp: 3270

Ion Ratio Lower Upper

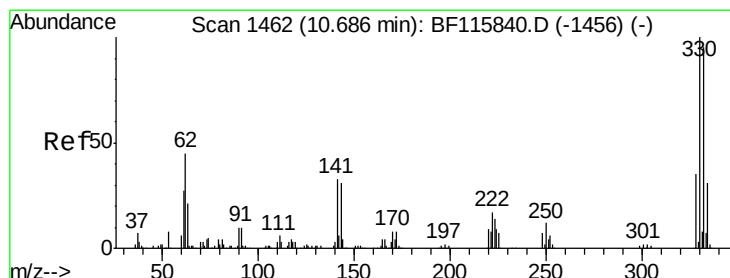
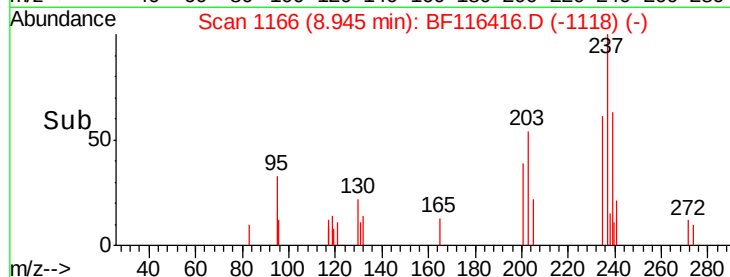
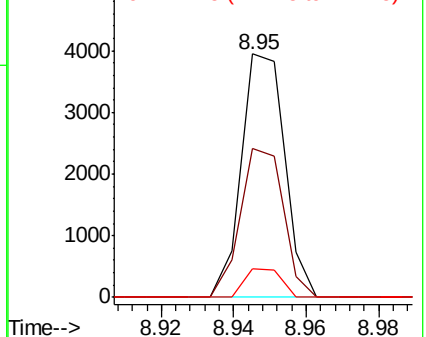
237 100

235 61.3 43.4 83.4

272 11.9 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.248 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

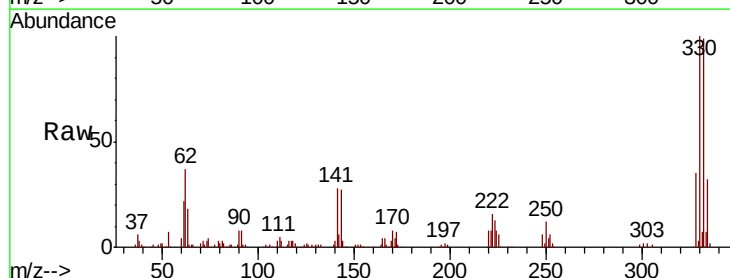
Tgt Ion:330 Resp: 188050

Ion Ratio Lower Upper

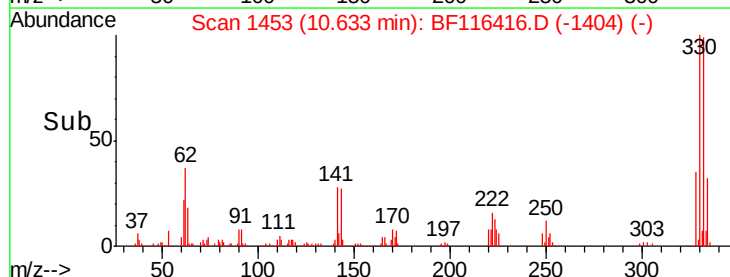
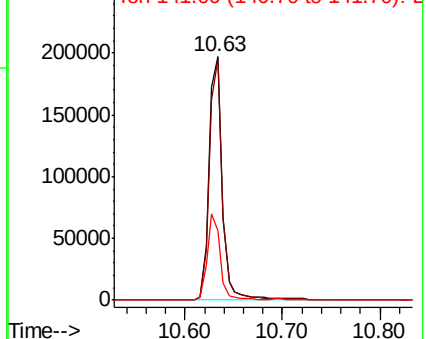
330 100

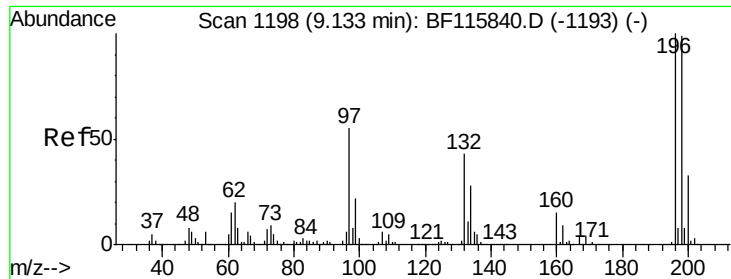
332 96.8 76.8 115.2

141 34.2 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

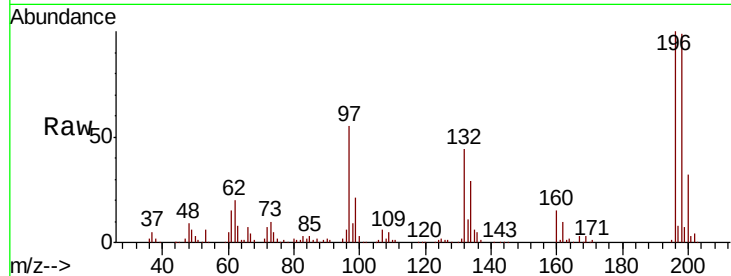




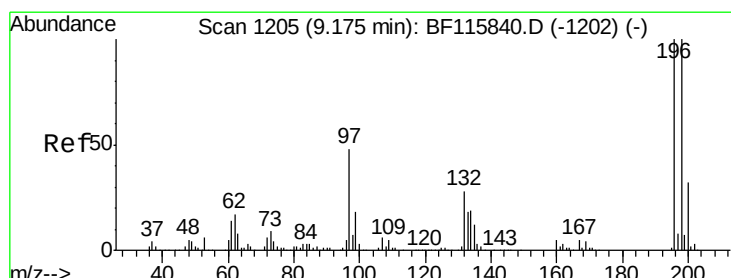
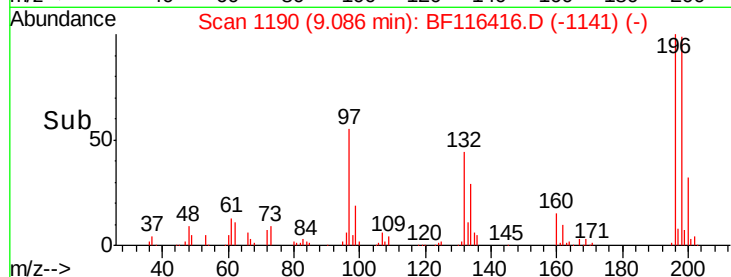
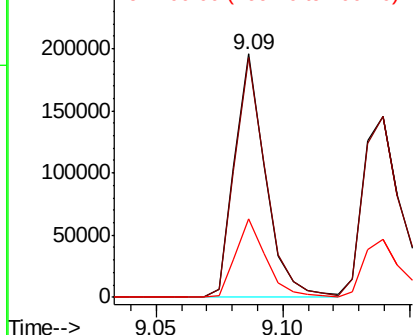
#43
 2,4,6-Trichlorophenol
 Concen: 39.167 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.2	118.8
200	32.3	25.2	37.8



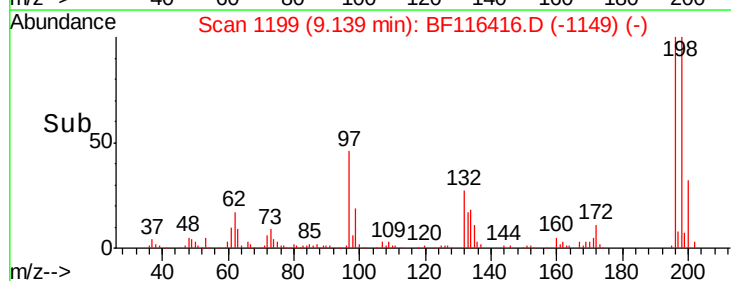
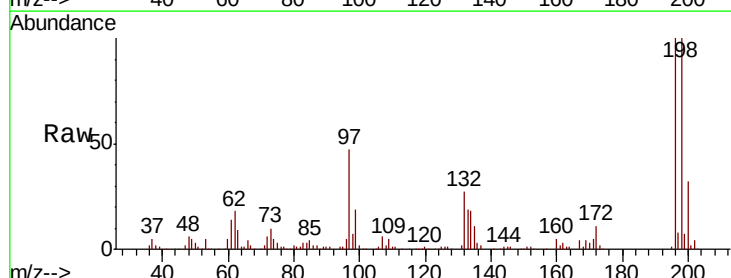
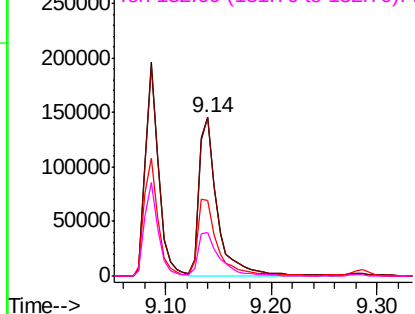
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

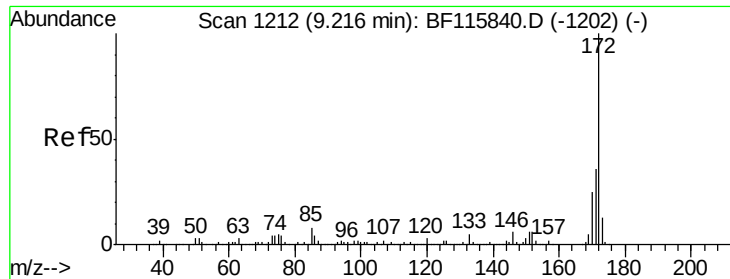


#44
 2,4,5-Trichlorophenol
 Concen: 39.024 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.3	78.8	118.2
97	47.5	42.2	63.4
132	27.6	24.0	36.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

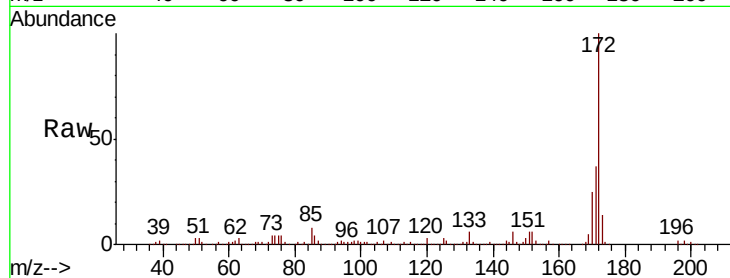




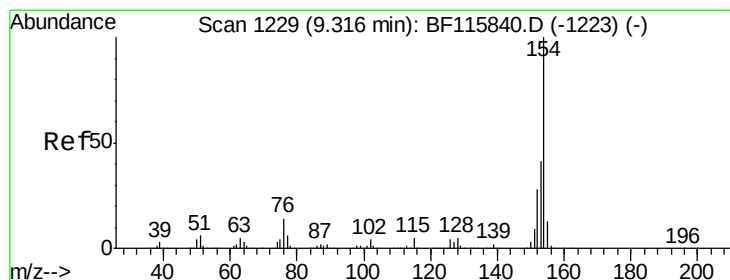
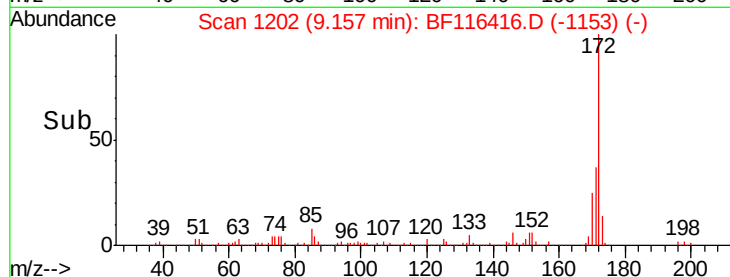
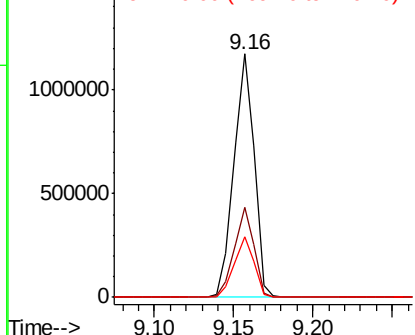
#45
 2-Fluorobiphenyl
 Concen: 84.649 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1040440
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 25.1 20.1 30.1

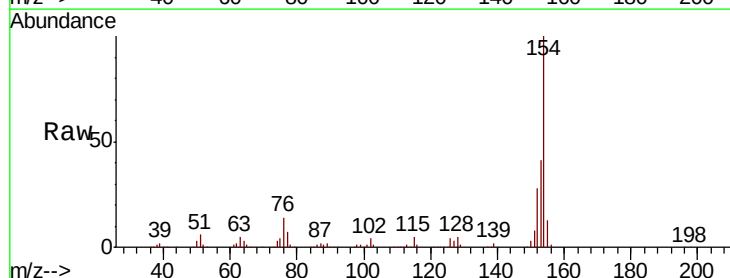


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

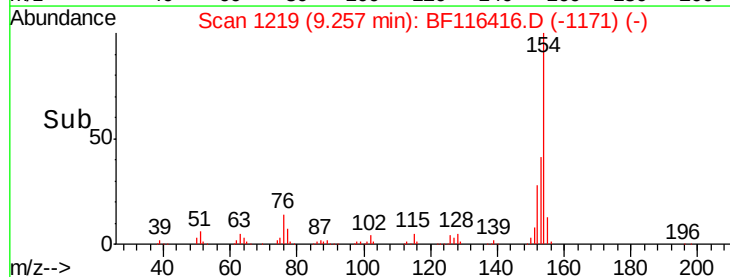
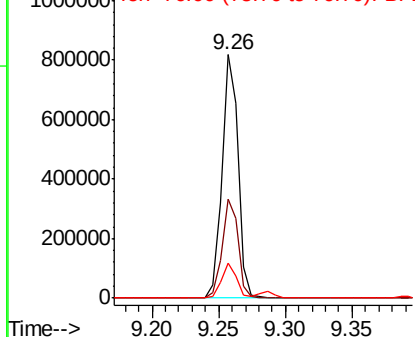


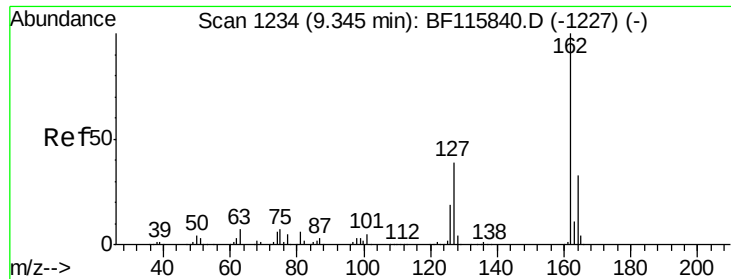
#46
 1,1'-Biphenyl
 Concen: 42.713 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion:154 Resp: 694256
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.4 61.4
 76 14.2 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

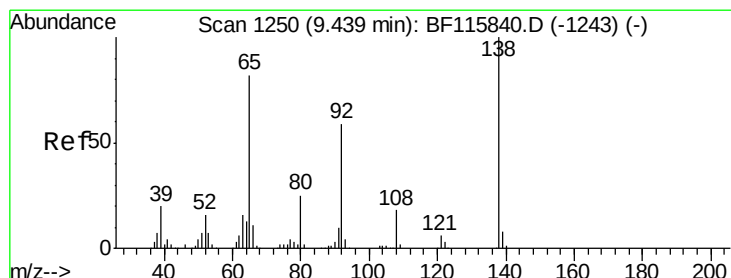
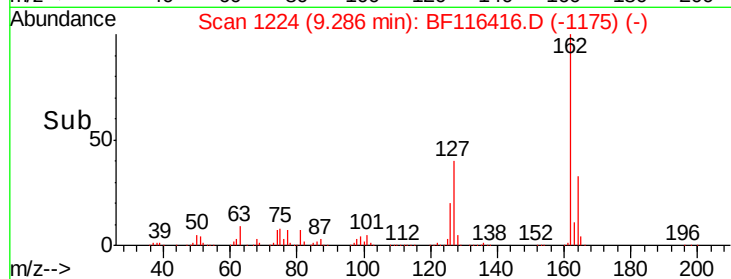
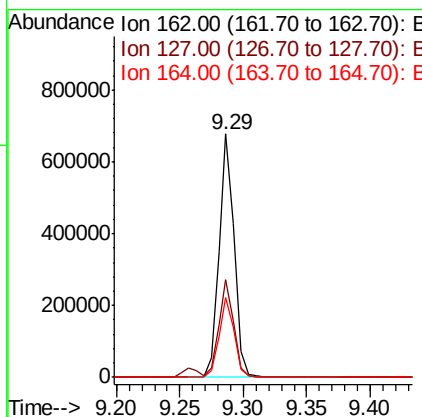
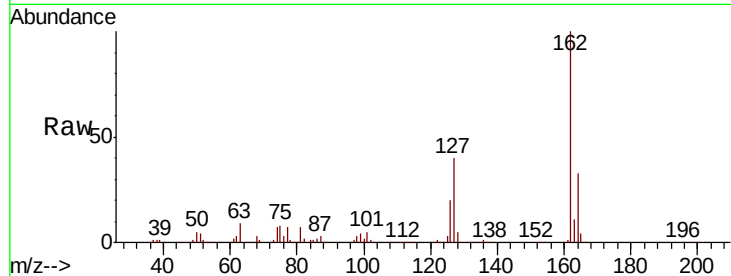




#47
 2-Chloronaphthalene
 Concen: 42.050 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

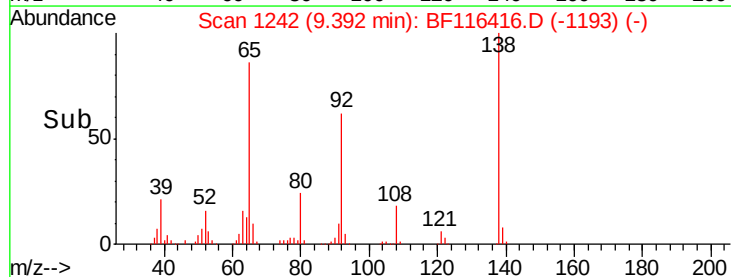
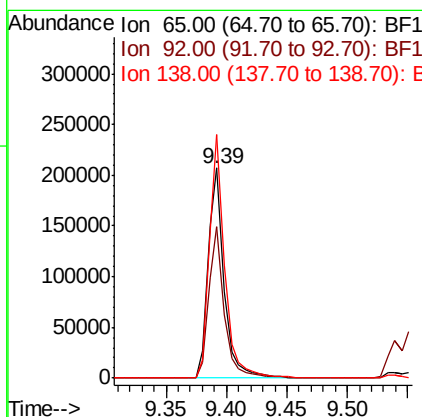
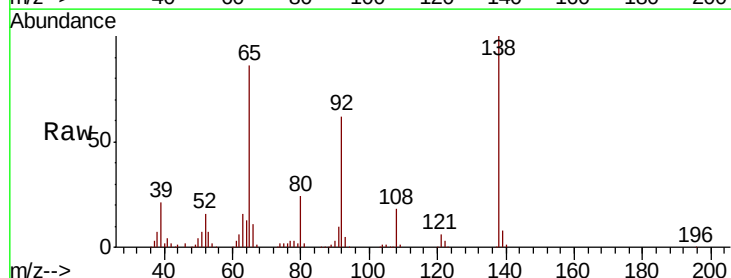
Instrument :
 BNA_F
 ClientSampleId :

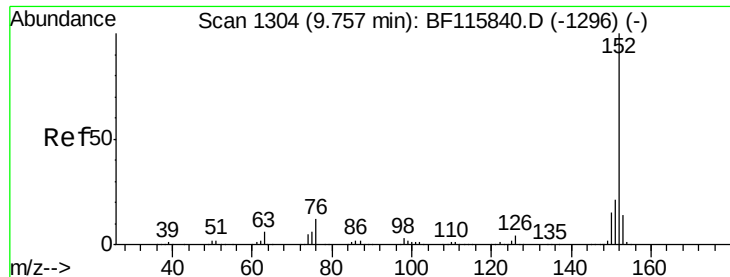
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.8	49.2
164	32.8	26.6	39.8



#48
 2-Nitroaniline
 Concen: 42.290 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	57.8	86.8
138	115.9	94.0	141.0





#49

Acenaphthylene

Concen: 43.140 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

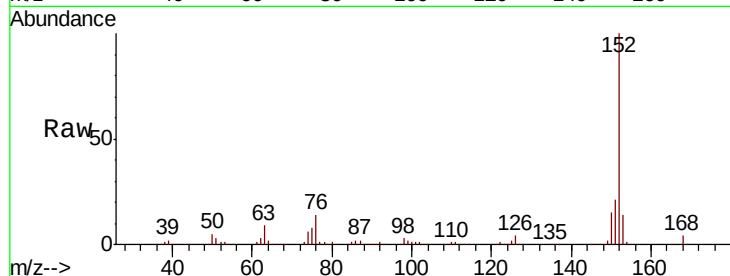
Tot Ion:152 Resp: 851408

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

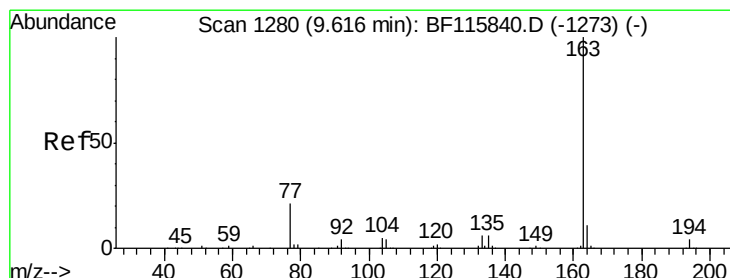
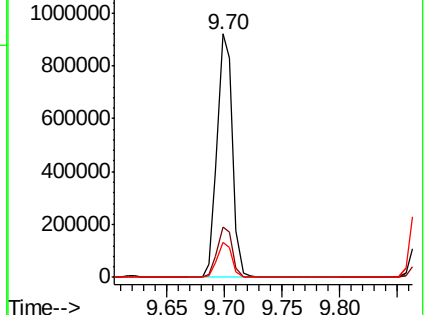
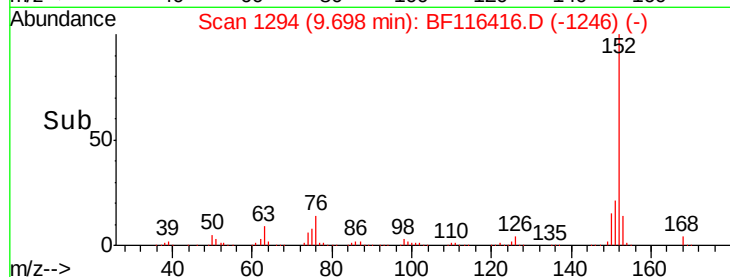
153 14.4 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.546 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

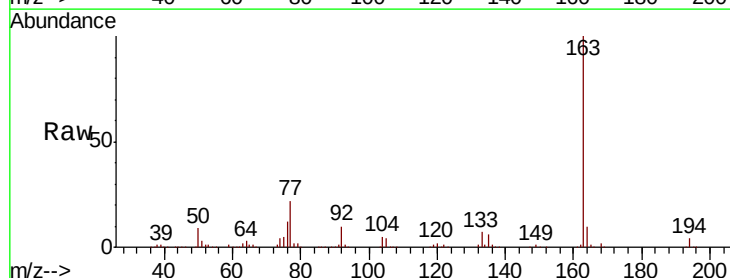
Tgt Ion:163 Resp: 666937

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

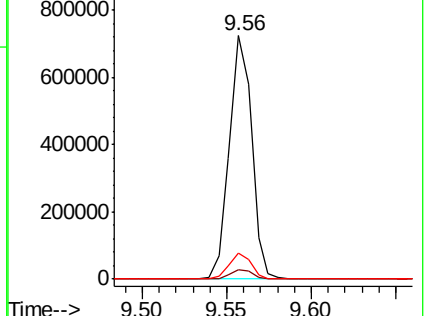
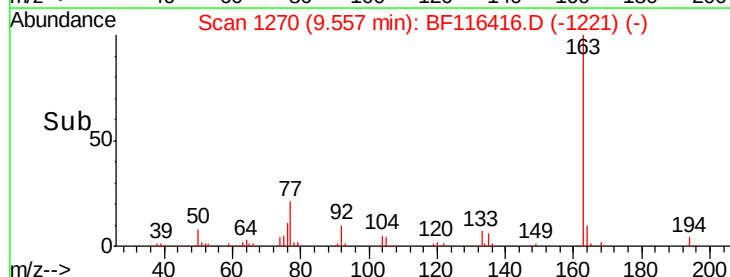
164 10.4 8.4 12.6

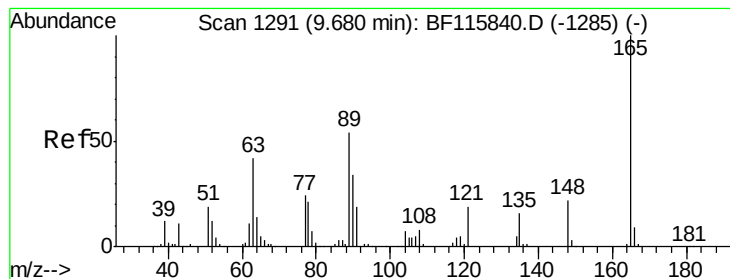


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.857 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampled :

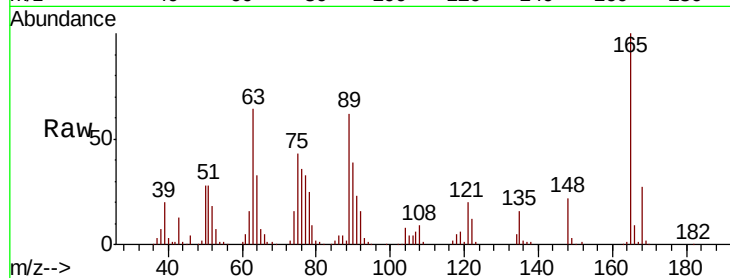
Tot Ion:165 Resp: 145997

Ion Ratio Lower Upper

165 100

63 63.9 38.2 57.2#

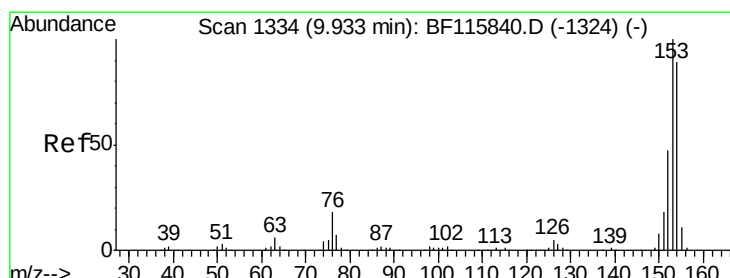
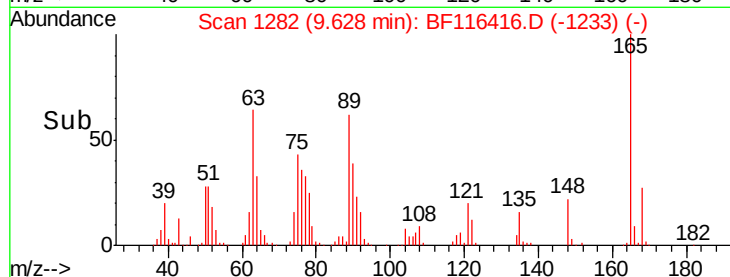
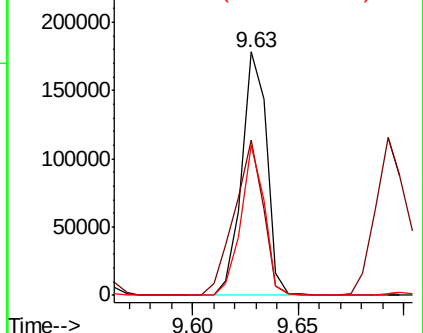
89 61.9 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.906 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

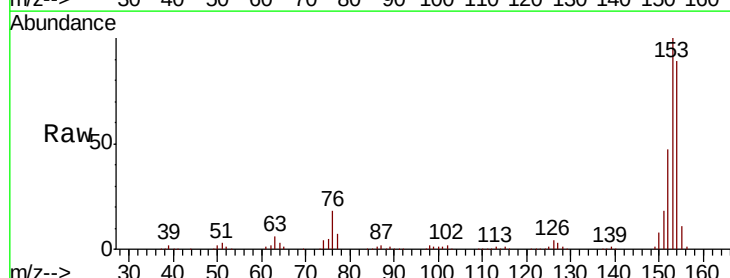
Tgt Ion:154 Resp: 519495

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.0

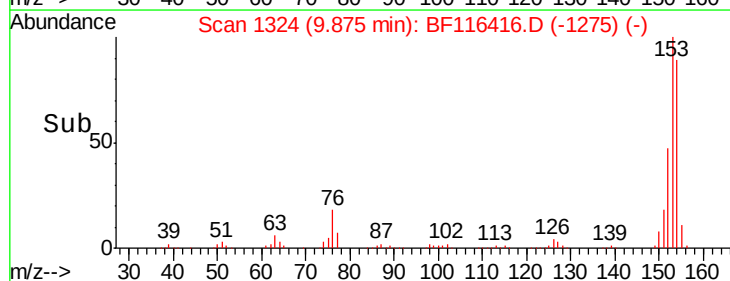
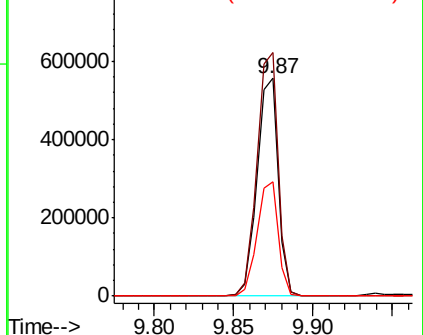
152 52.7 42.3 63.5

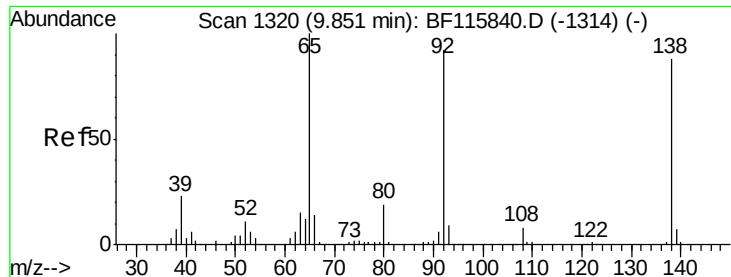


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

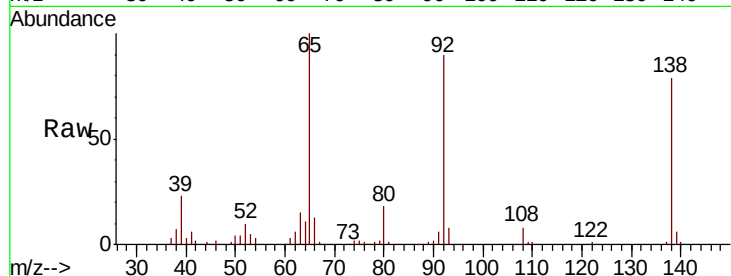




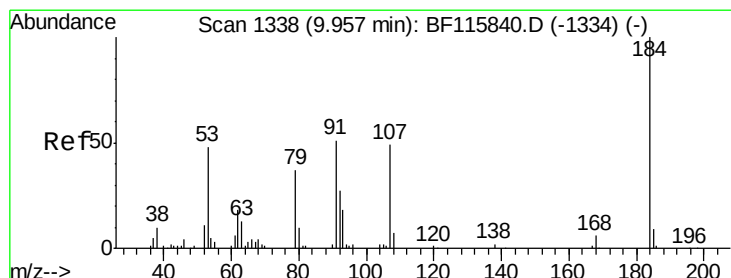
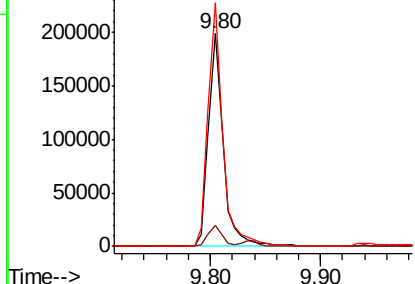
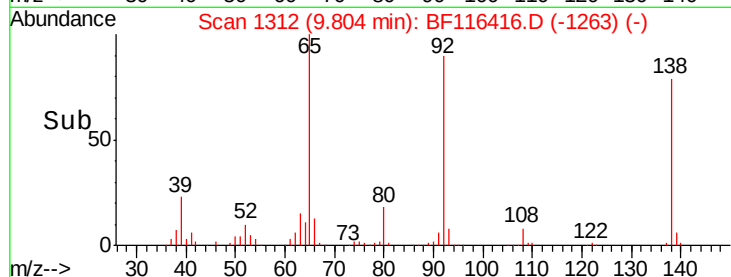
#53
3-Nitroaniline
Concen: 42.927 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 180692
Ion Ratio Lower Upper
138 100
108 9.9 8.0 12.0
92 114.5 91.0 136.6

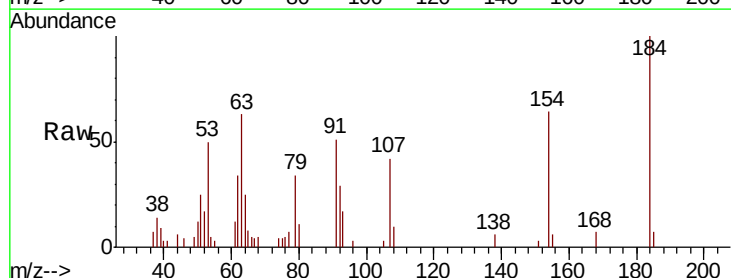


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

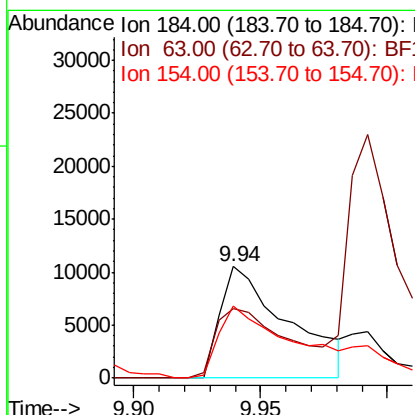
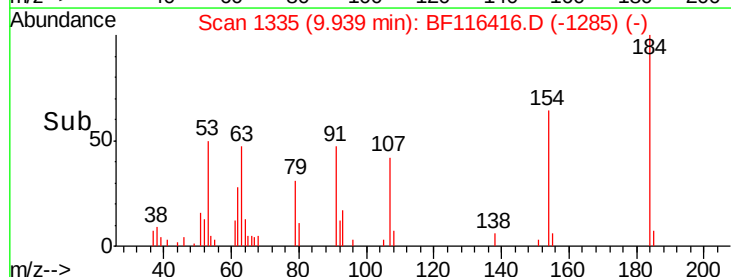


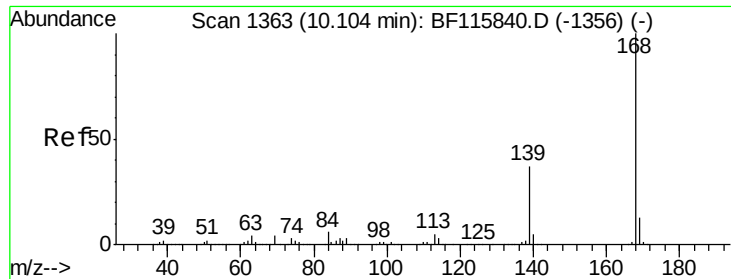
#54
2,4-Dinitrophenol
Concen: 17.967 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:184 Resp: 19499
Ion Ratio Lower Upper
184 100
63 62.8 53.0 79.4
154 64.2 50.1 75.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

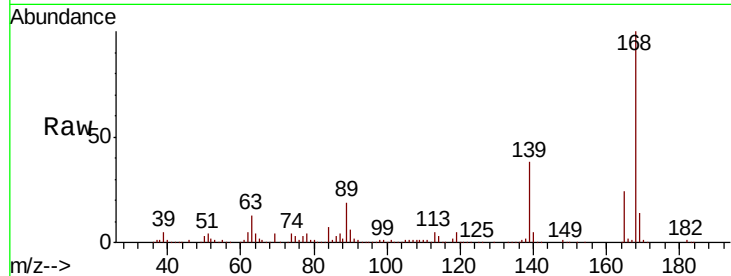




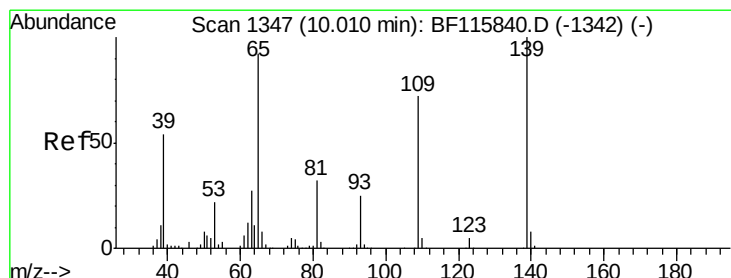
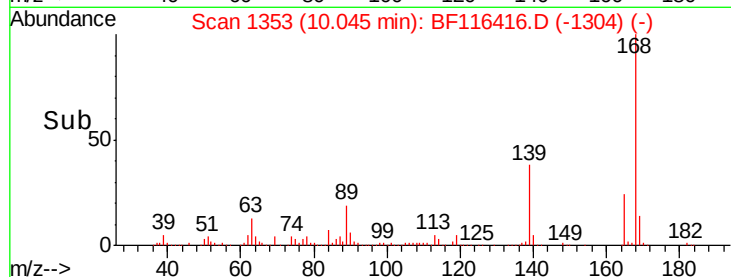
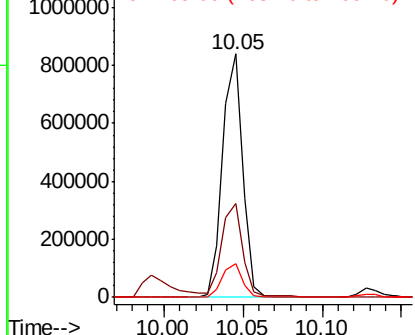
#55
Dibenzofuran
Concen: 41.888 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 737550
Ion Ratio Lower Upper
168 100
139 38.4 31.4 47.2
169 13.6 10.9 16.3

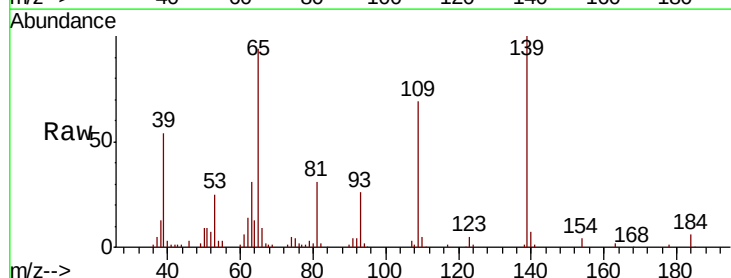


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

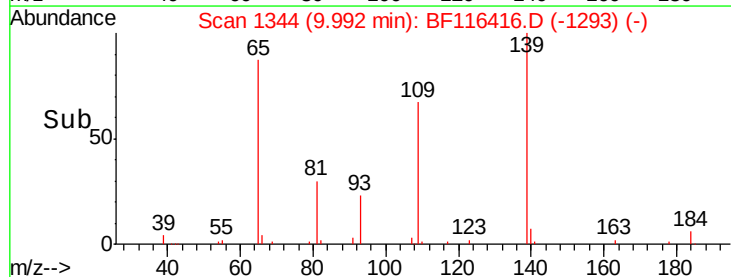
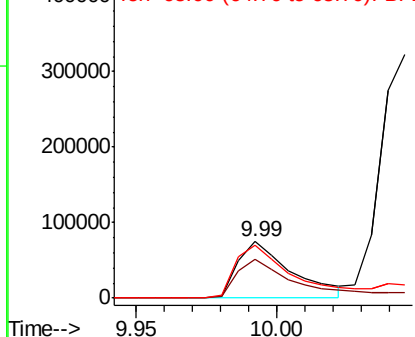


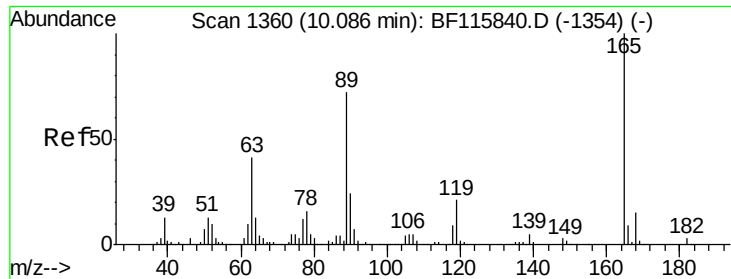
#56
4-Nitrophenol
Concen: 36.653 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:139 Resp: 98835
Ion Ratio Lower Upper
139 100
109 68.6 54.4 94.4
65 93.8 80.6 120.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

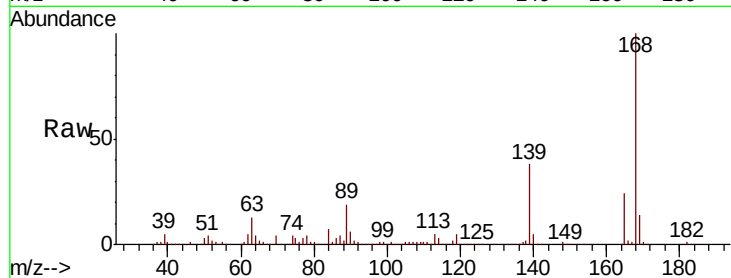




#57
 2,4-Dinitrotoluene
 Concen: 41.243 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	39.6	59.4
89	79.6	62.2	93.2
182	2.6	2.1	3.1



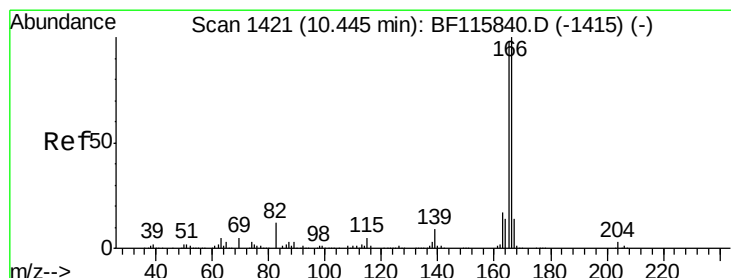
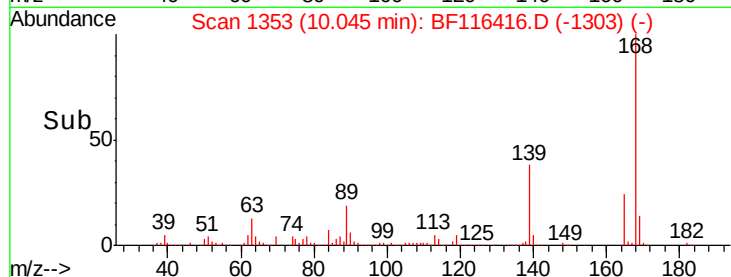
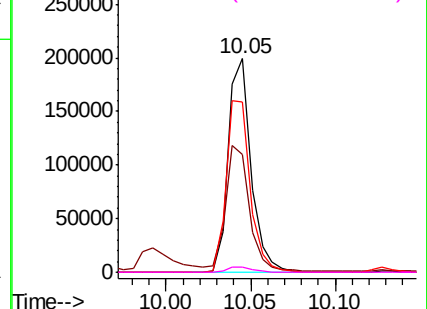
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

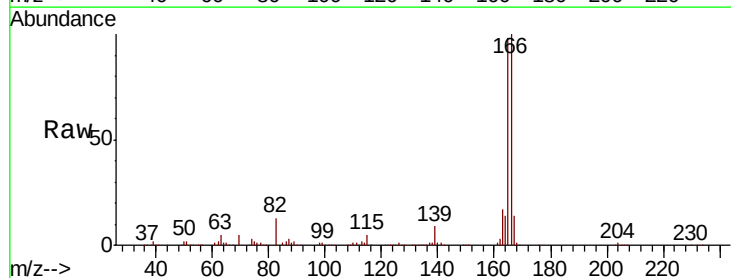
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.606 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.4	117.6
167	13.8	11.0	16.4

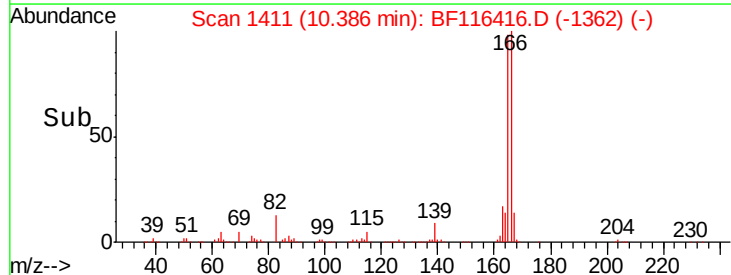
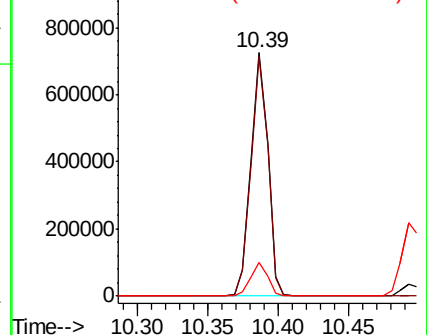


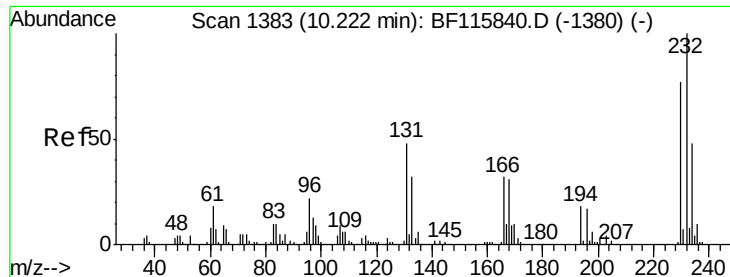
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

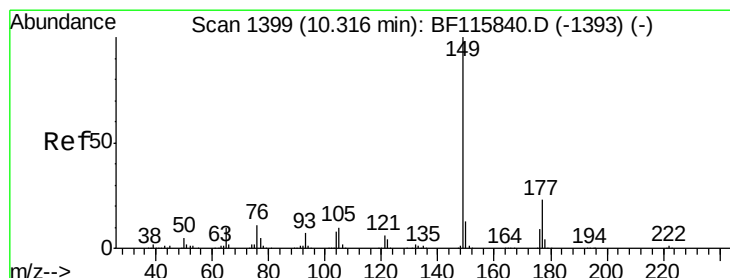
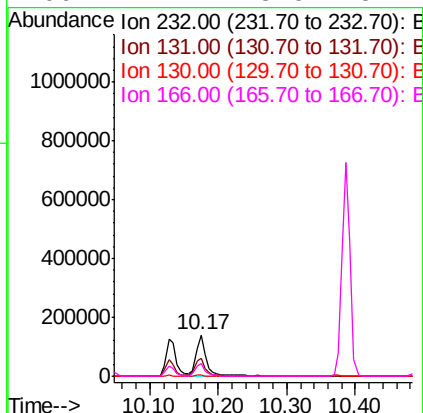
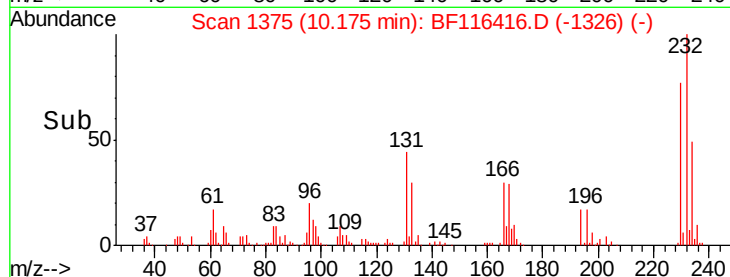
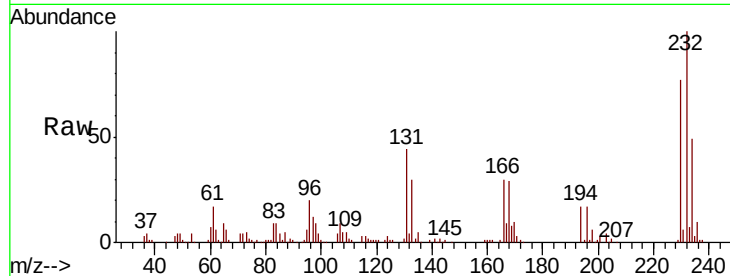




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.092 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

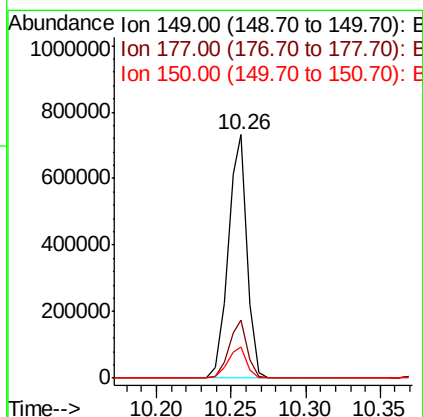
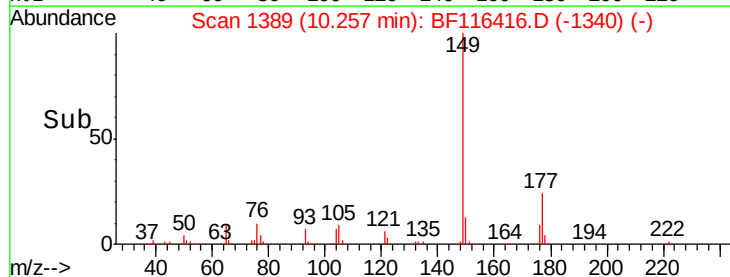
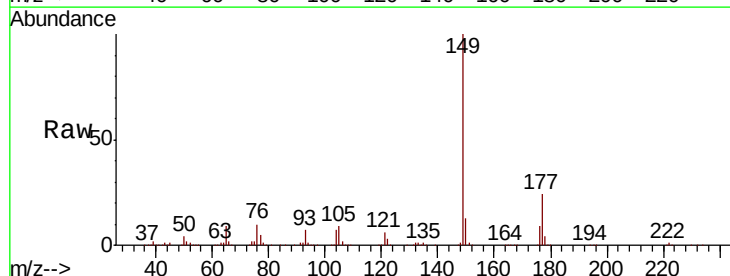
Instrument :
 BNA_F
 ClientSampleId :

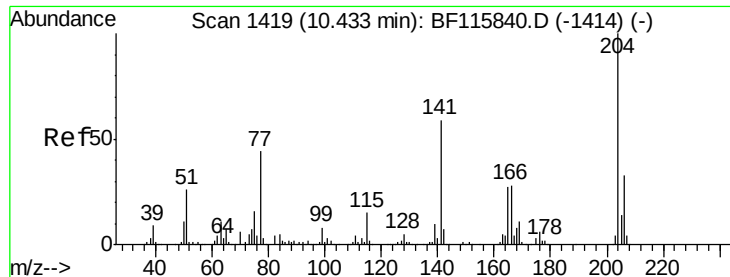
Tot Ion:	232	Resp:	147712
Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.2	54.2
130	2.1	1.9	2.9
166	27.7	23.0	34.4



#60
 Diethylphthalate
 Concen: 44.639 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion:	149	Resp:	653312
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.8	28.2
150	12.8	10.2	15.4

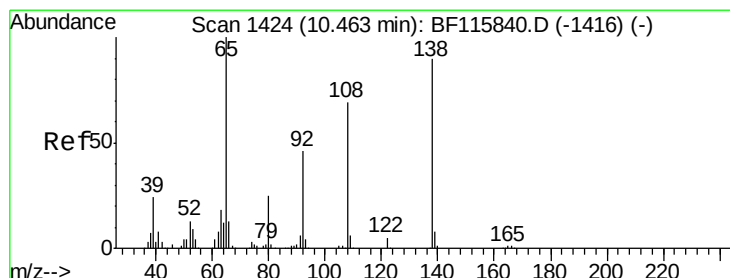
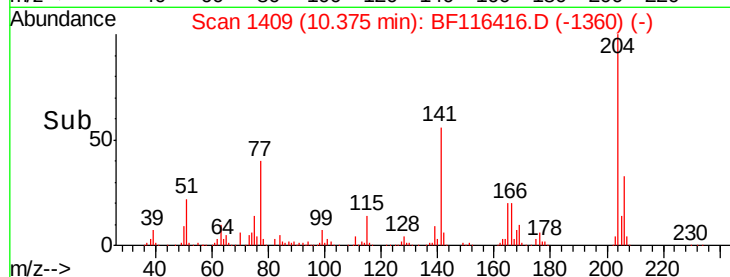
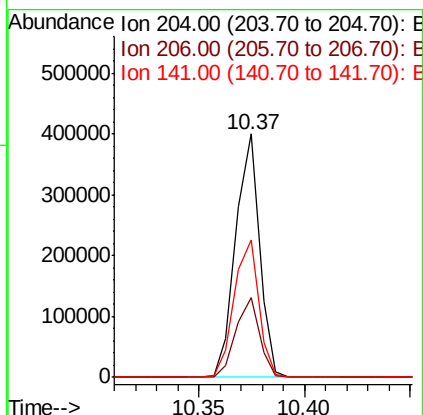
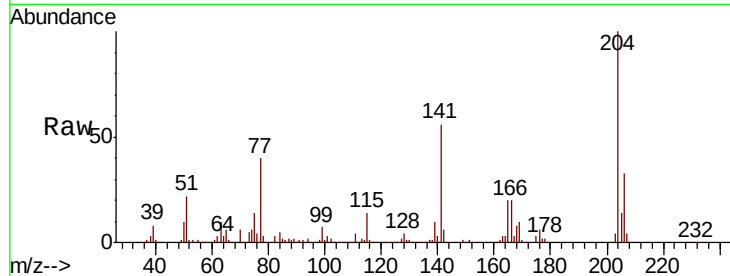




#61
4-Chlorophenyl-phenylether
Concen: 45.474 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

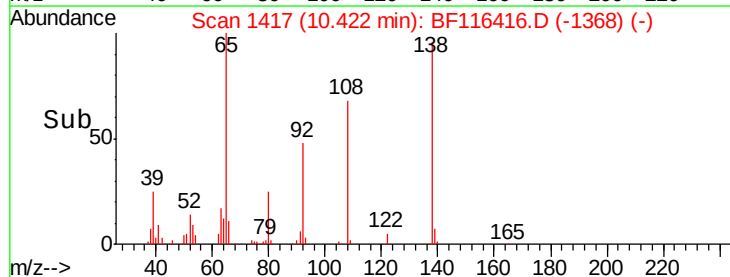
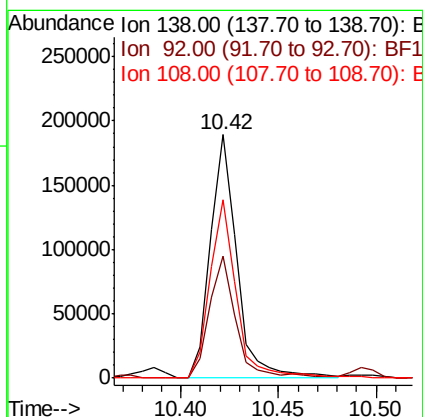
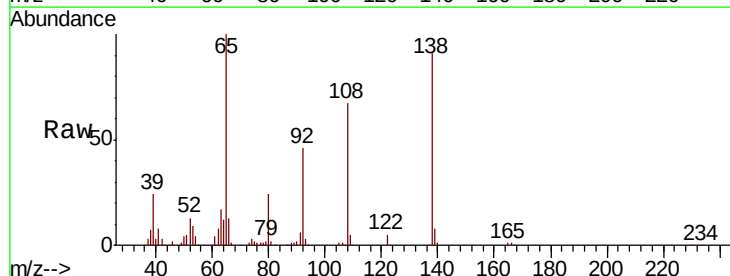
Instrument :
BNA_F
ClientSampleId :

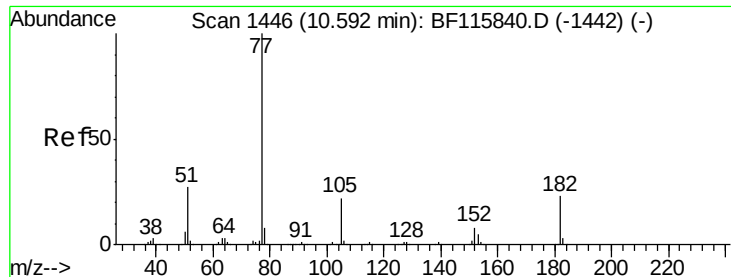
Tot Ion:204 Resp: 311995
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 56.4 46.4 69.6



#62
4-Nitroaniline
Concen: 40.807 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:138 Resp: 177511
Ion Ratio Lower Upper
138 100
92 50.3 29.0 69.0
108 73.2 54.7 94.7





#63

Azobenzene

Concen: 44.571 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 670943

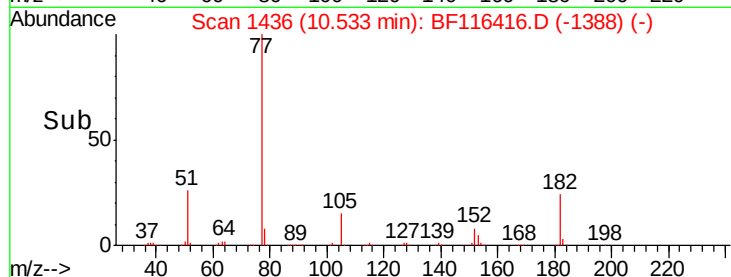
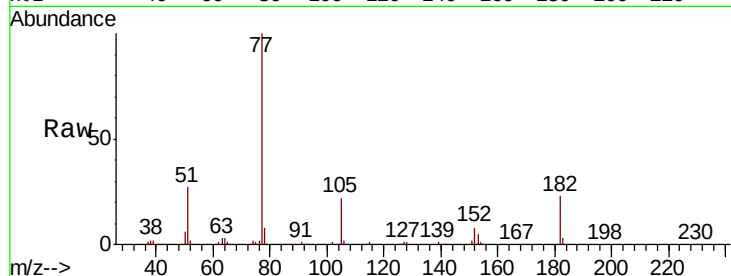
Ion	Ratio	Lower	Upper
77	100		
182	23.0	4.0	44.0
105	22.0	2.0	42.0
51	26.7	7.5	47.5

77 100

182 23.0 4.0 44.0

105 22.0 2.0 42.0

51 26.7 7.5 47.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

1200000

1000000

800000

600000

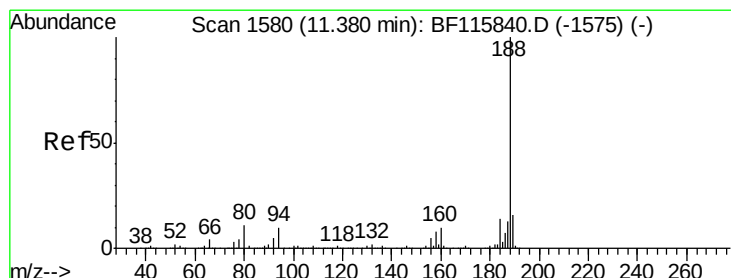
400000

200000

0

10.50 10.53 10.60

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

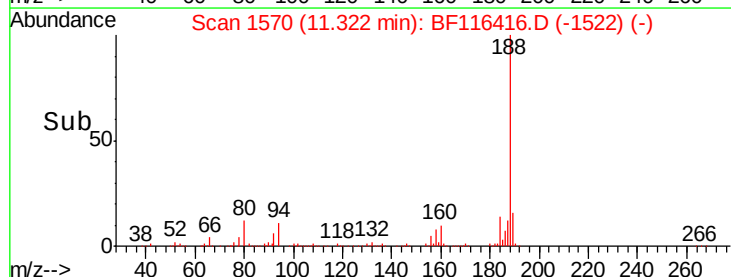
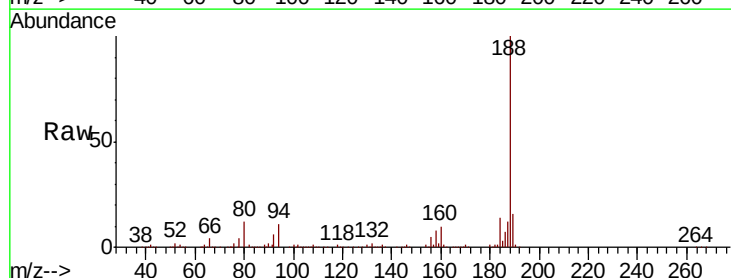
Tgt Ion: 188 Resp: 413921

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	12.0	8.7	13.1

188 100

94 10.7 8.1 12.1

80 12.0 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

600000

500000

400000

300000

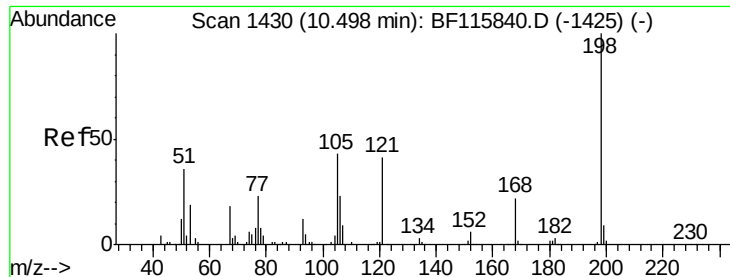
200000

100000

0

11.30 11.32 11.35

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 21.336 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampled :

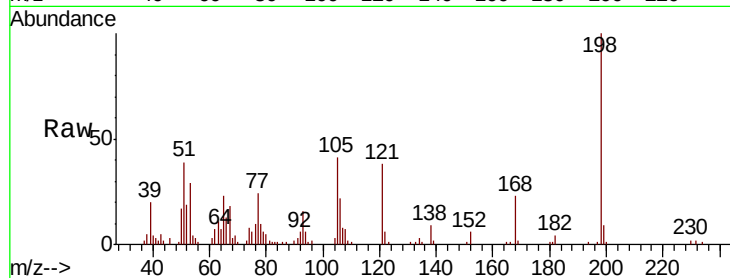
Tot Ion:198 Resp: 46801

Ion Ratio Lower Upper

198 100

51 38.7 17.0 57.0

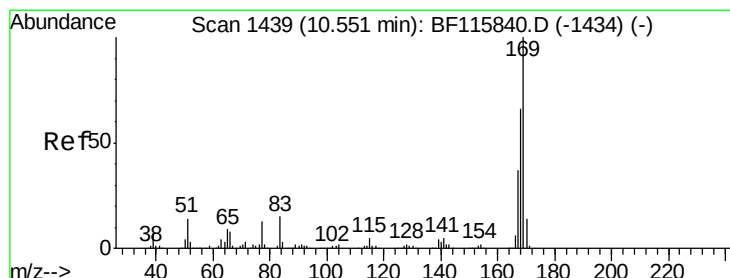
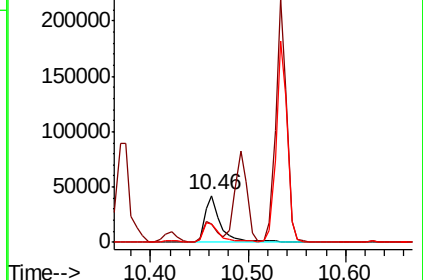
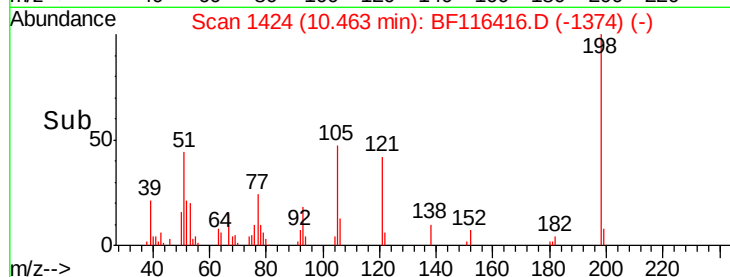
105 40.6 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.424 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

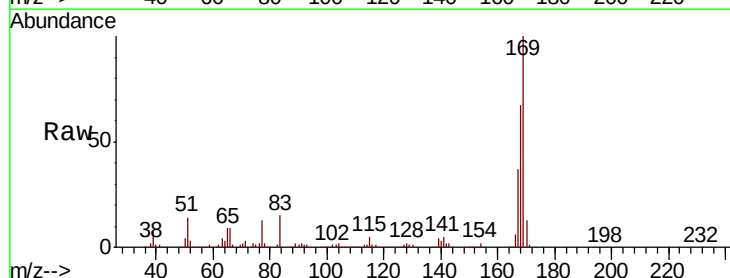
Tgt Ion:169 Resp: 541005

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

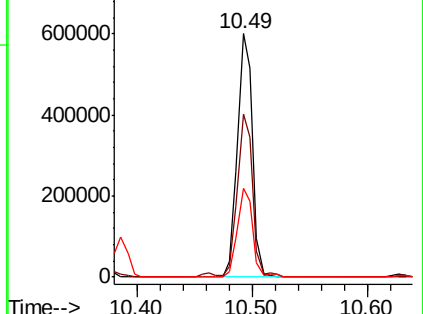
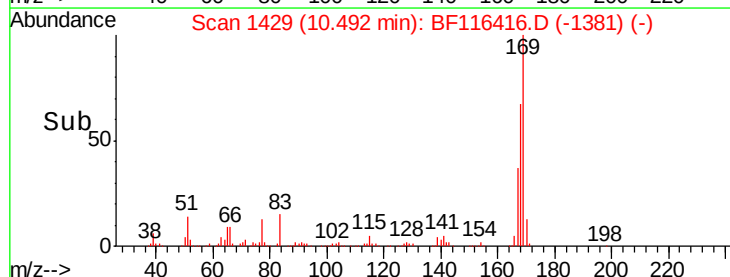
167 36.6 29.6 44.4

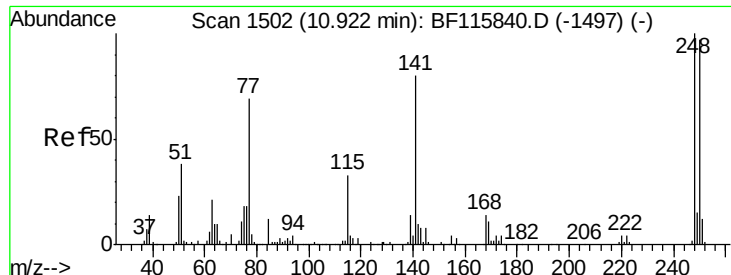


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

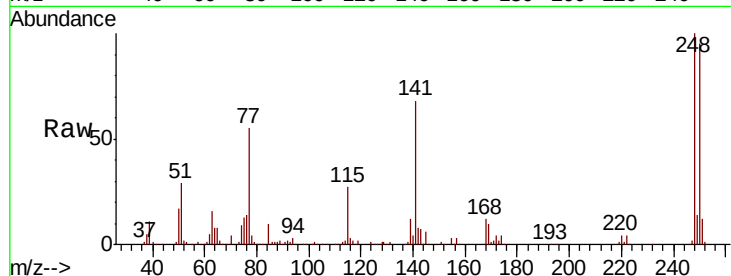




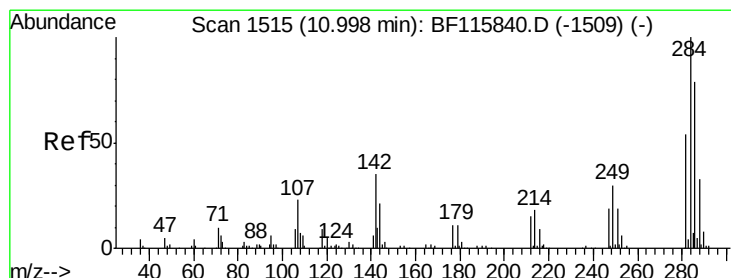
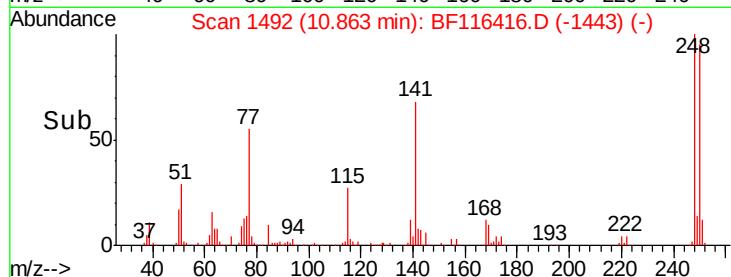
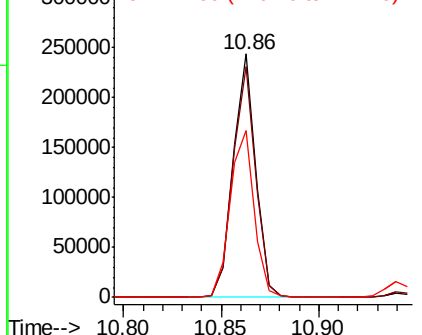
#67
4-Bromophenyl-phenylether
Concen: 43.966 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 194815
Ion Ratio Lower Upper
248 100
250 94.8 77.4 116.2
141 68.4 56.8 85.2

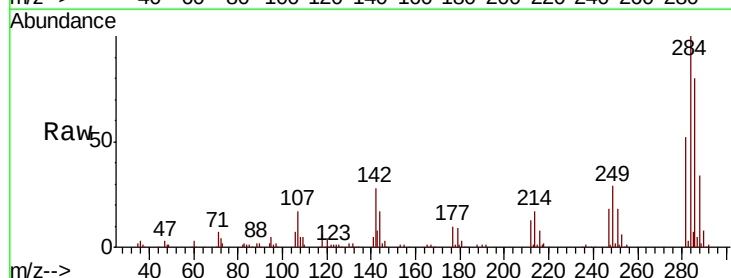


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

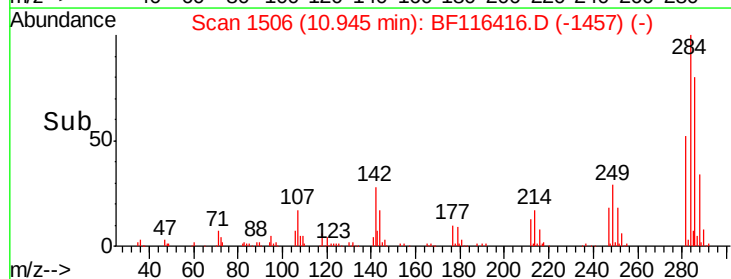
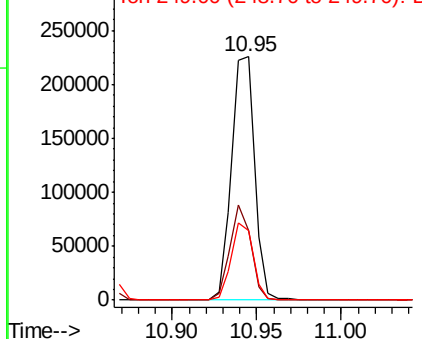


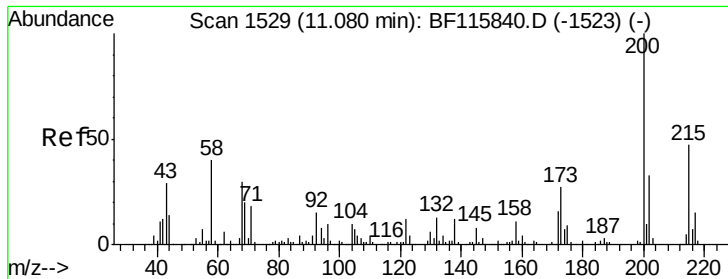
#68
Hexachlorobenzene
Concen: 41.952 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:284 Resp: 214952
Ion Ratio Lower Upper
284 100
142 28.3 28.4 42.6#
249 28.8 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

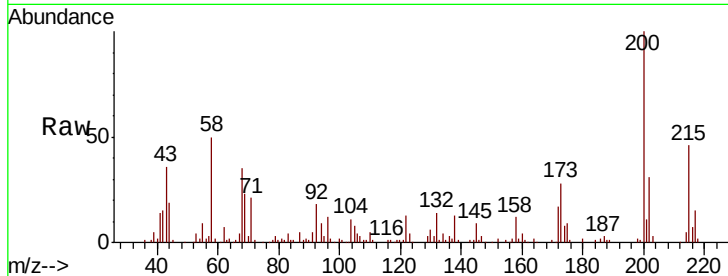




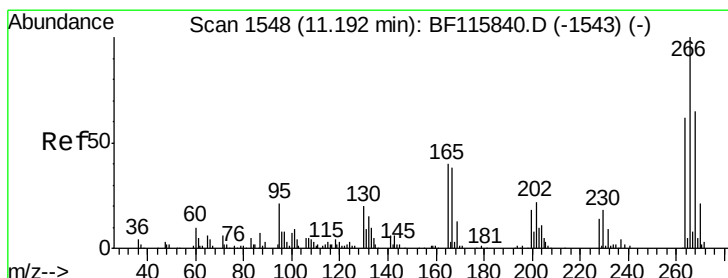
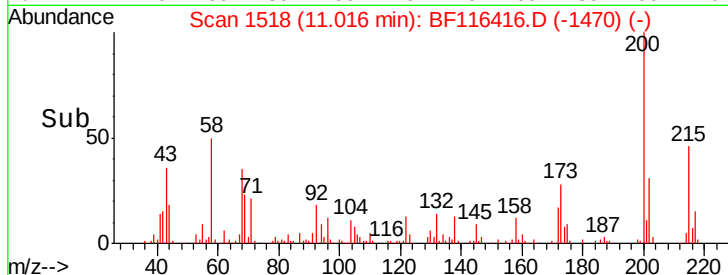
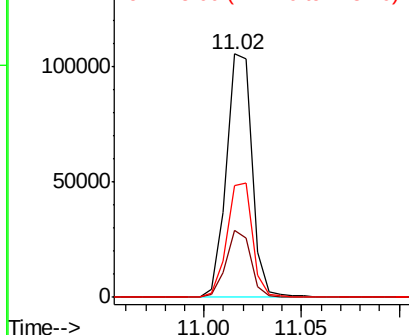
#69
 Atrazine
 Concen: 23.655 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.02 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.8	46.8
215	45.9	27.5	67.5

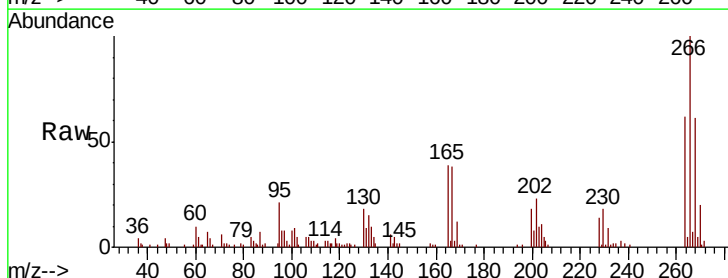


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

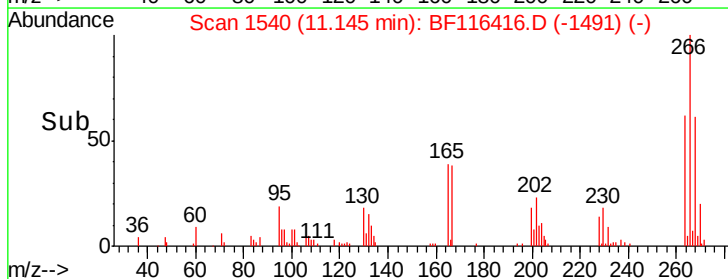
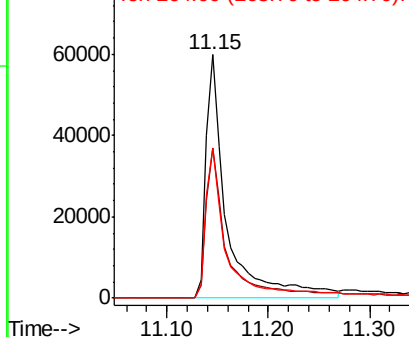


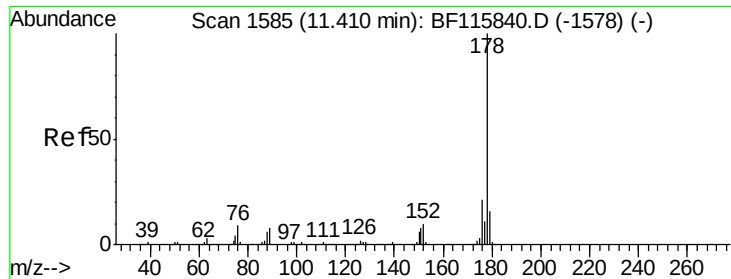
#70
 Pentachlorophenol
 Concen: 34.580 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	48.8	73.2
264	61.8	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.024 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

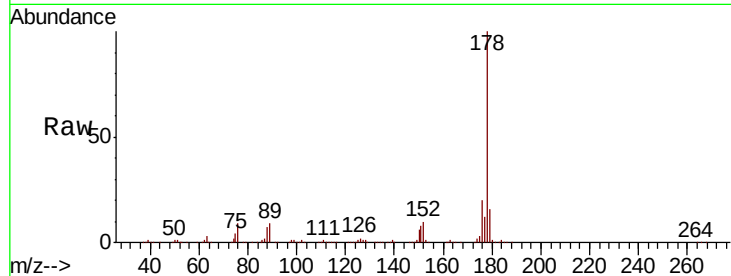
Tot Ion:178 Resp: 910400

Ion Ratio Lower Upper

178 100

176 20.4 16.6 24.8

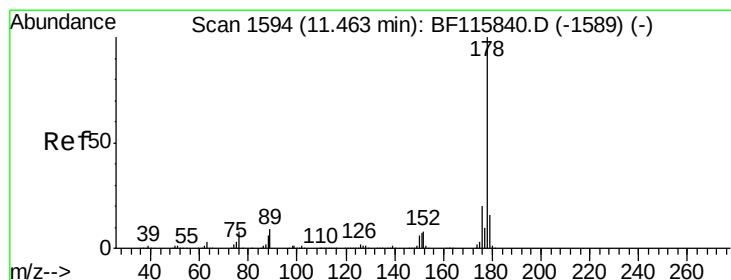
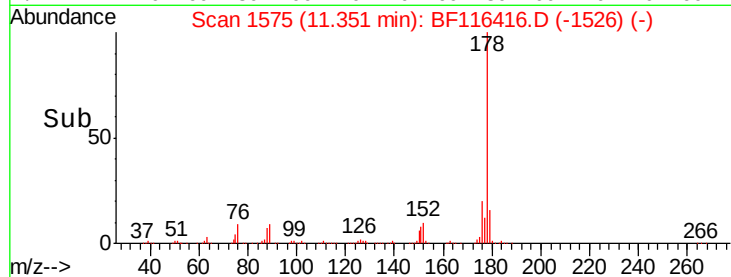
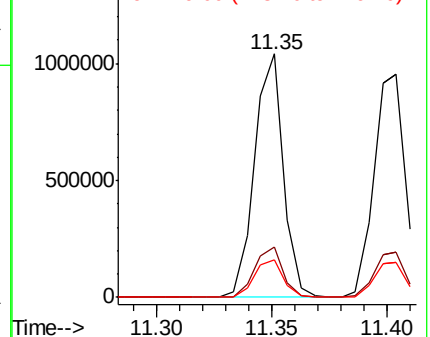
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.953 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

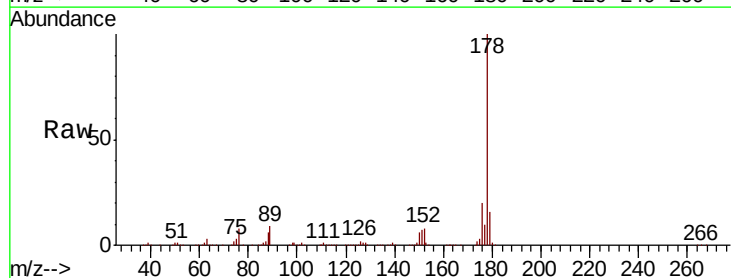
Tgt Ion:178 Resp: 919862

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

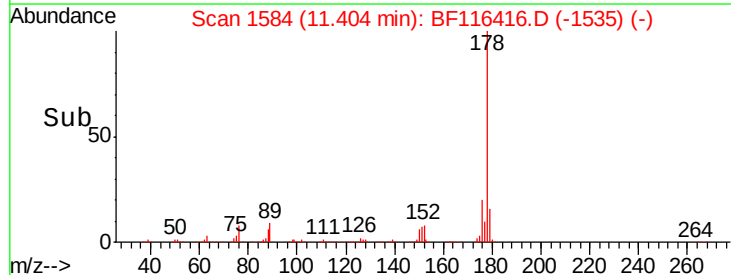
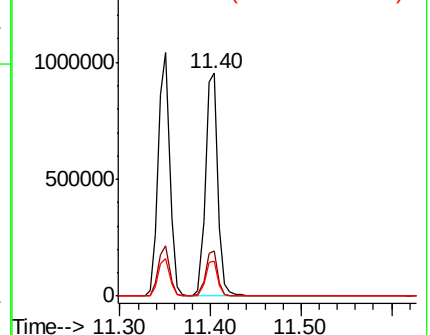
179 15.8 13.0 19.6

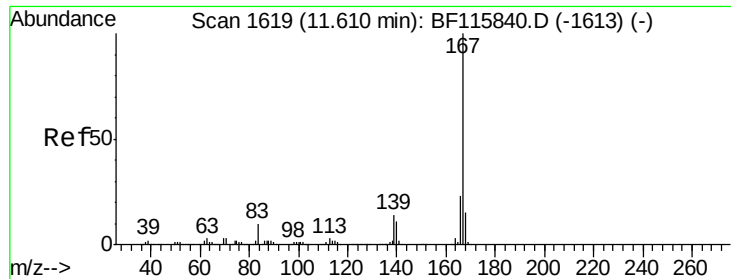


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

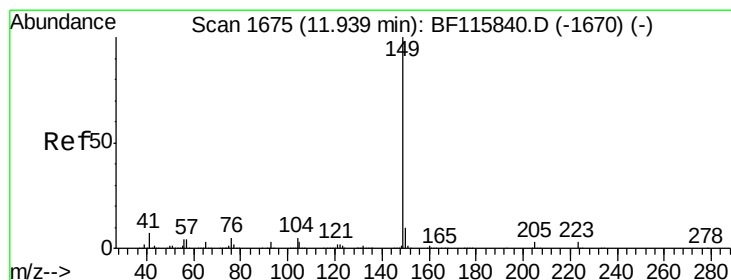
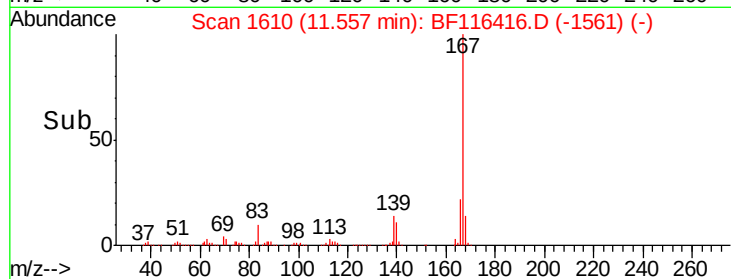
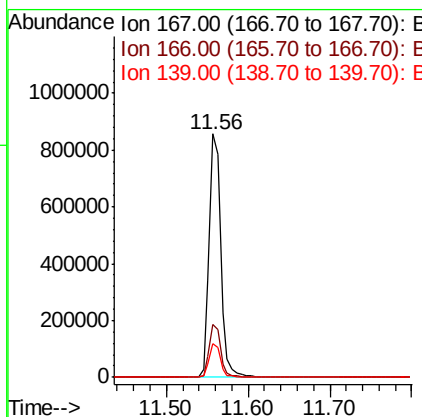
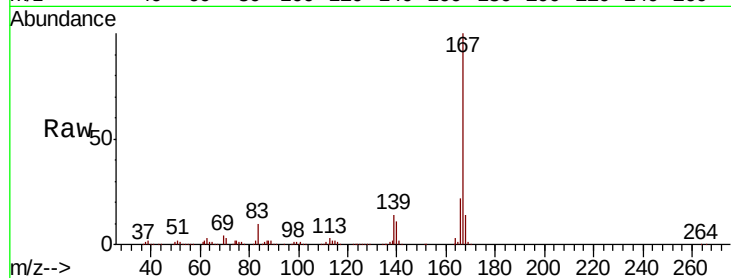




#73
 Carbazole
 Concen: 43.385 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

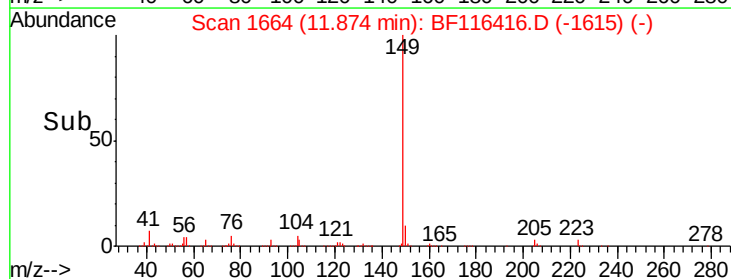
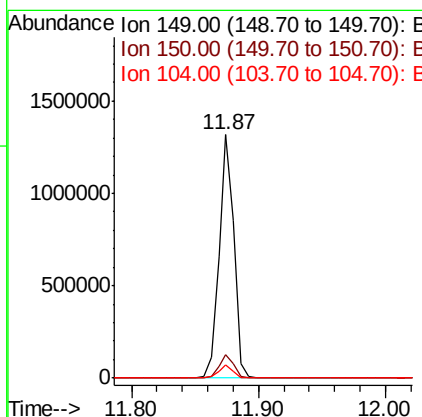
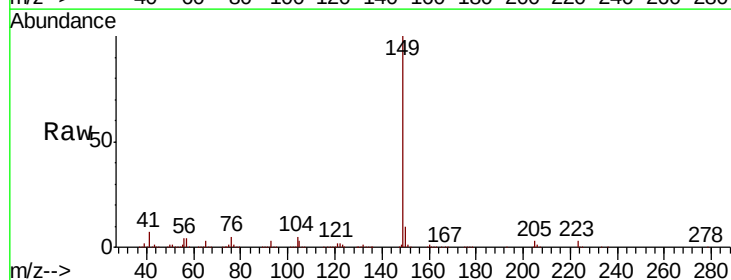
Instrument :
 BNA_F
 ClientSampleId :

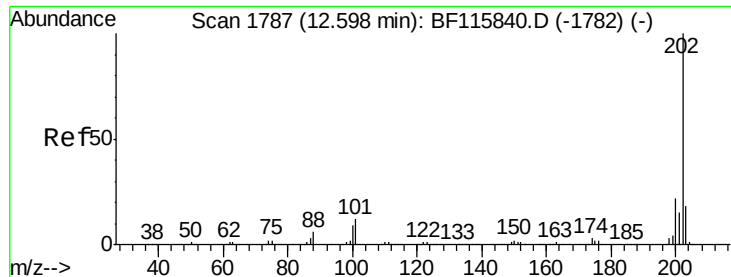
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	13.8	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 47.583 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.4	4.5	6.7

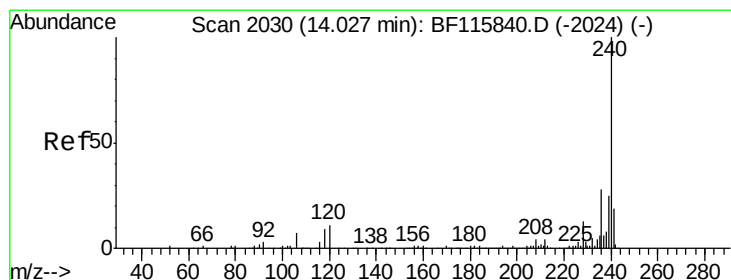
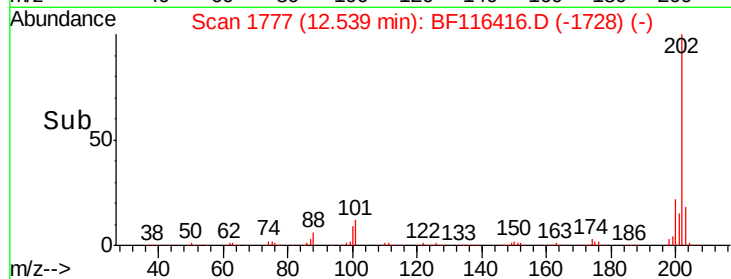
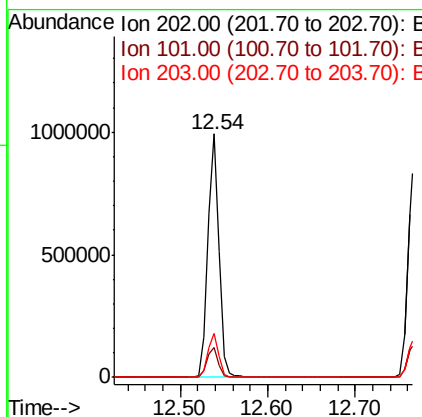
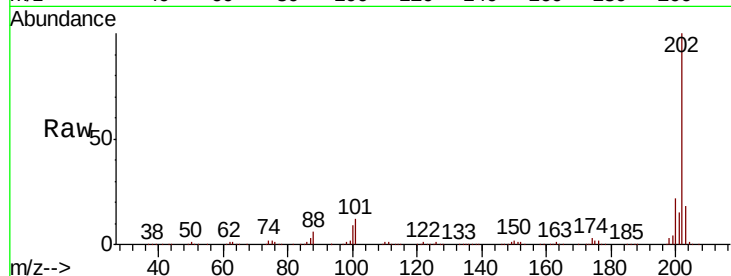




#75
 Fluoranthene
 Concen: 39.467 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

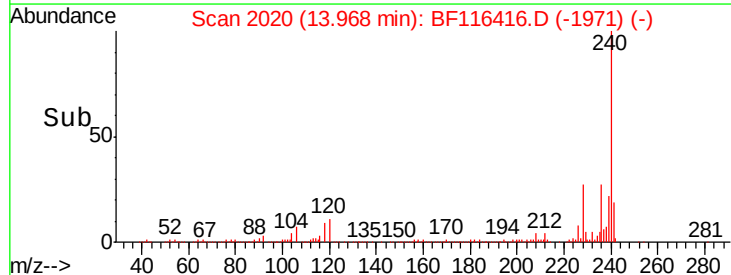
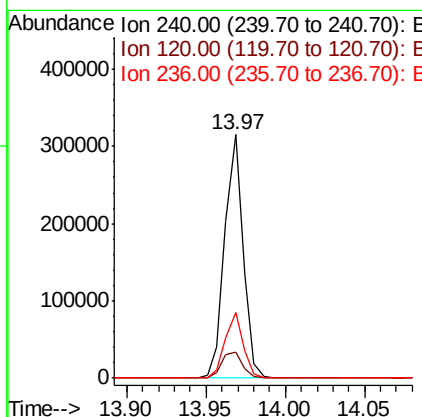
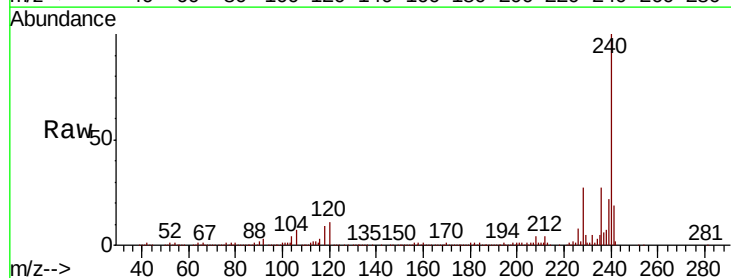
Instrument :
 BNA_F
 ClientSampleId :

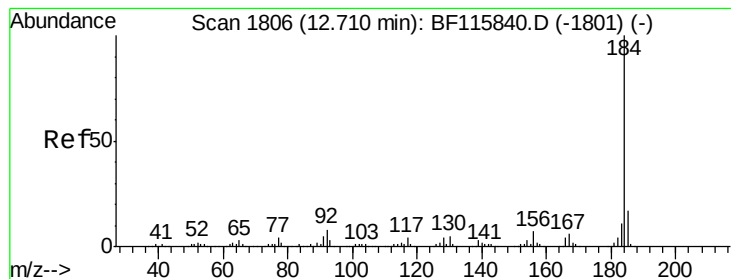
Tot Ion	Ratio	Resp	Lower	Upper
202	100	874308		
101	12.2		0.0	31.2
203	18.1		0.0	37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	255111		
120	10.5		10.7	16.1#
236	27.1		22.2	33.2





#77

Benzidine

Concen: 44.198 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

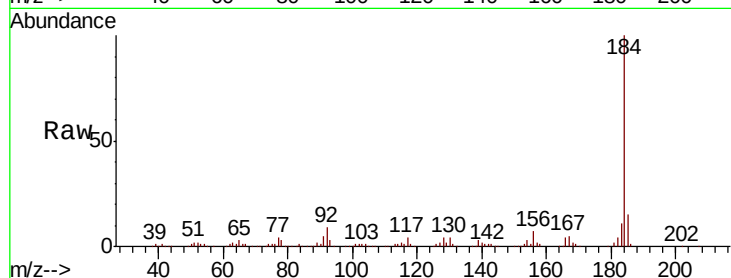
Tot Ion:184 Resp: 380933

Ion Ratio Lower Upper

184 100

185 15.1 12.8 19.2

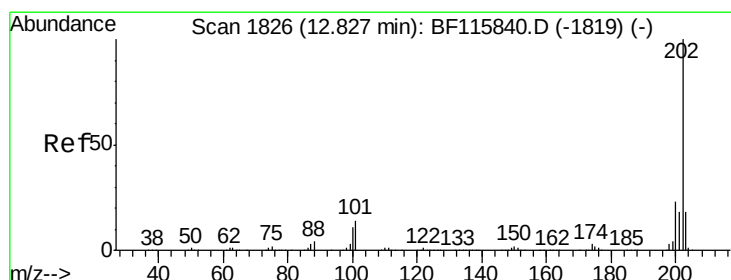
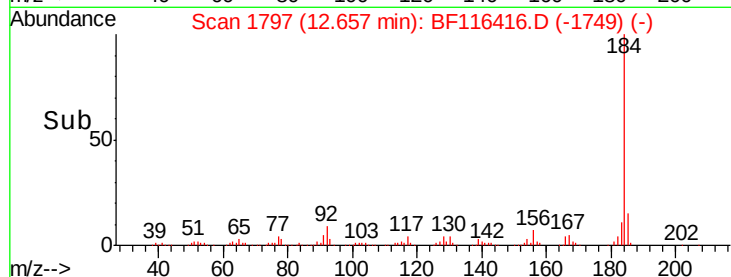
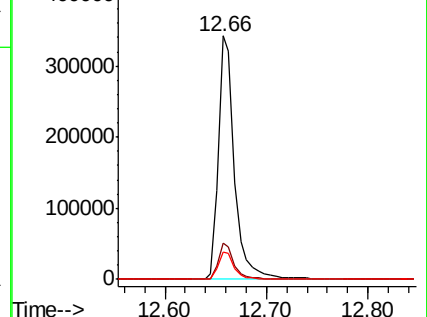
183 11.2 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.672 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

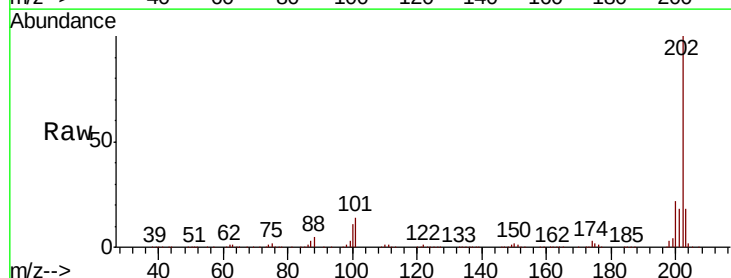
Tgt Ion:202 Resp: 859073

Ion Ratio Lower Upper

202 100

200 22.4 18.0 27.0

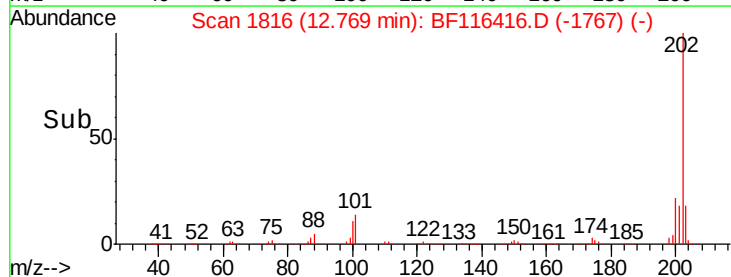
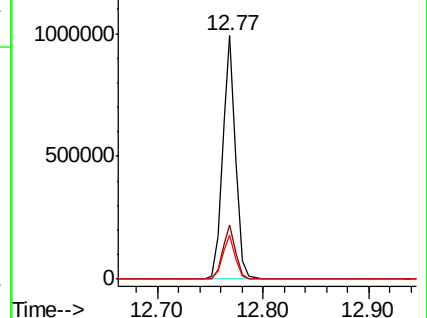
203 18.0 14.1 21.1

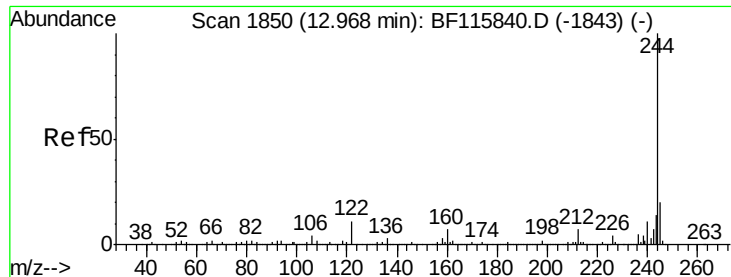


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.652 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

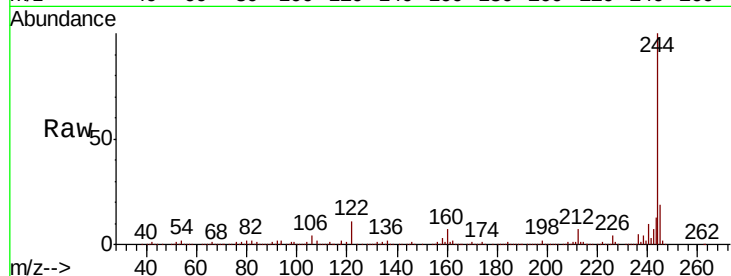
Tot Ion:244 Resp: 1145934

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

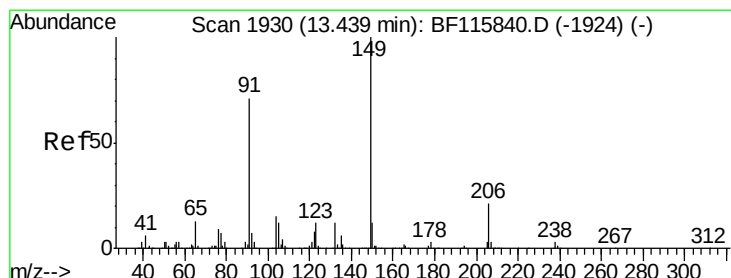
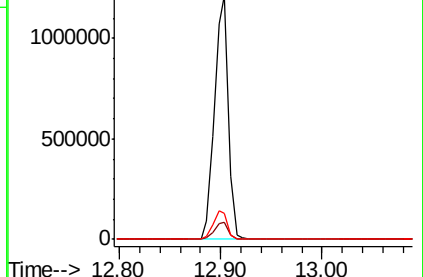
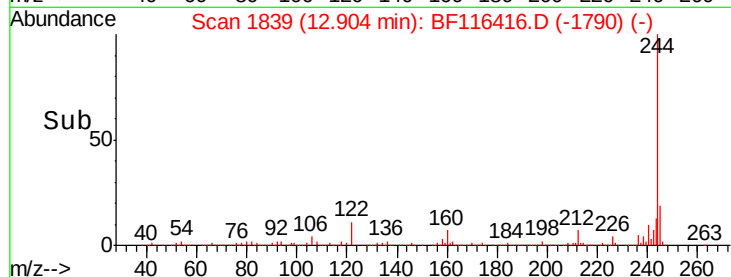
122 10.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.593 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

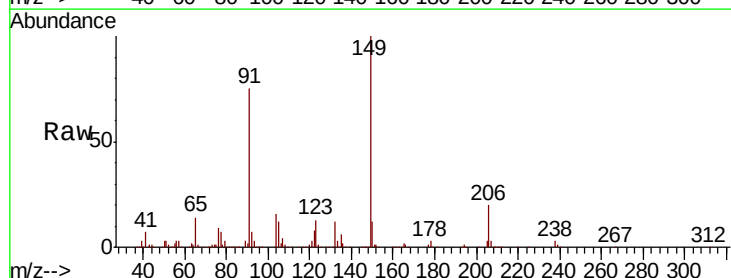
Tgt Ion:149 Resp: 411558

Ion Ratio Lower Upper

149 100

91 75.1 56.3 84.5

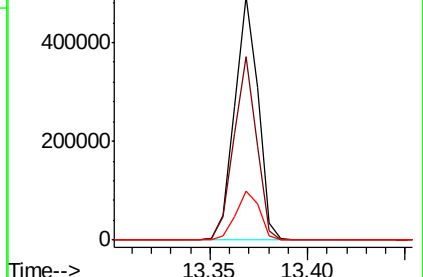
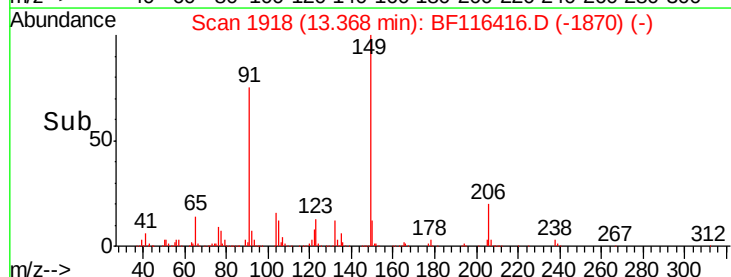
206 19.9 18.0 27.0

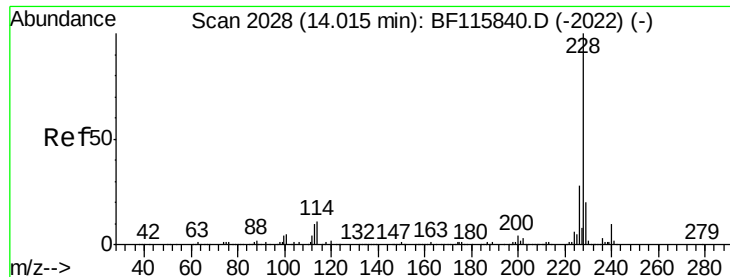


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.988 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

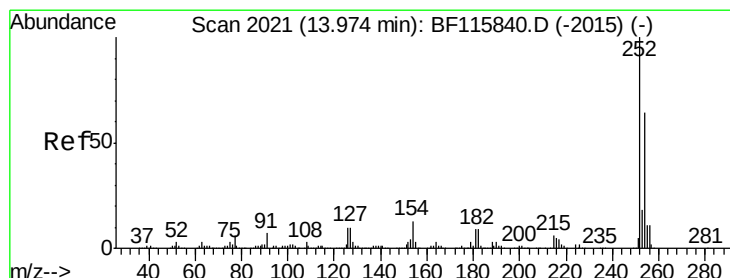
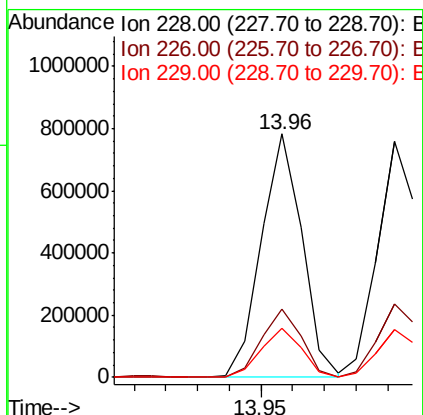
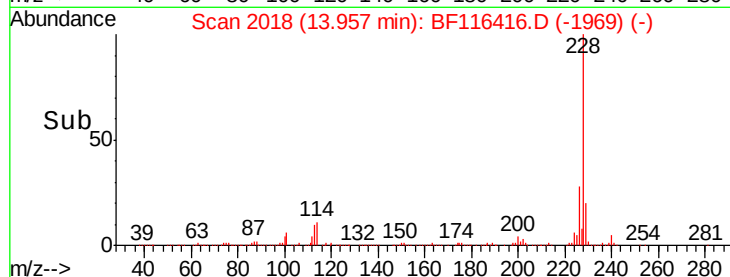
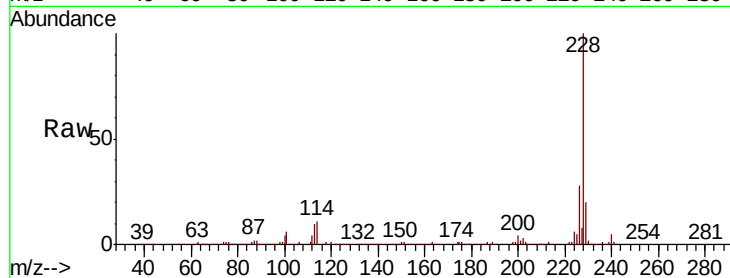
Tot Ion:228 Resp: 700961

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

229 20.1 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 45.880 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

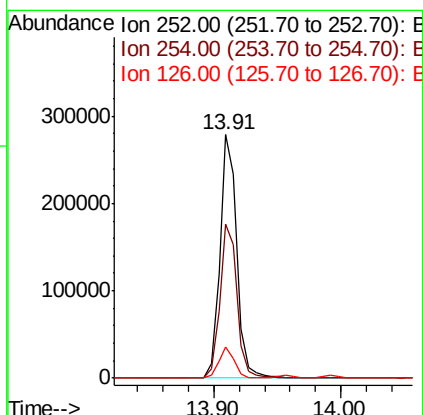
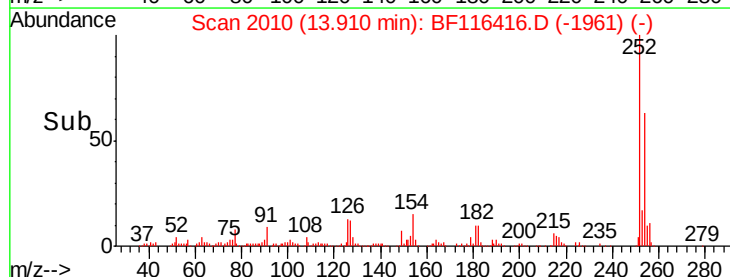
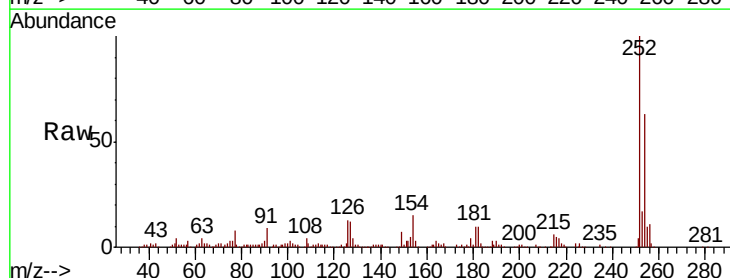
Tgt Ion:252 Resp: 259909

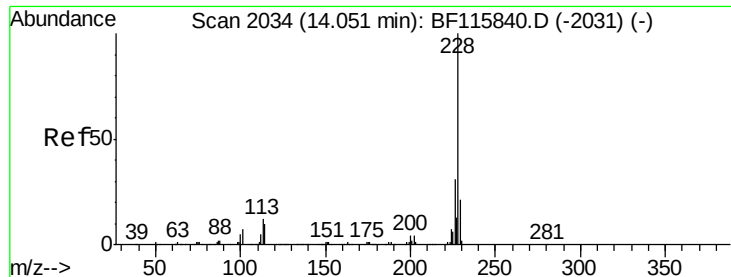
Ion Ratio Lower Upper

252 100

254 63.2 50.9 76.3

126 12.6 9.8 14.8

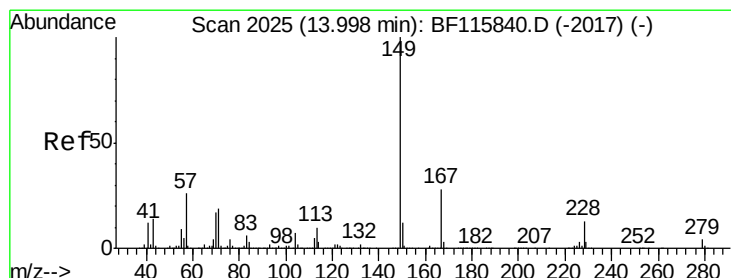
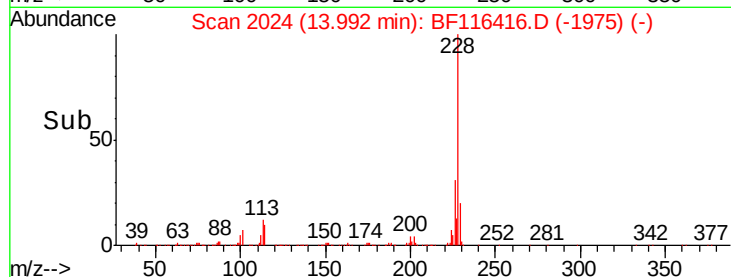
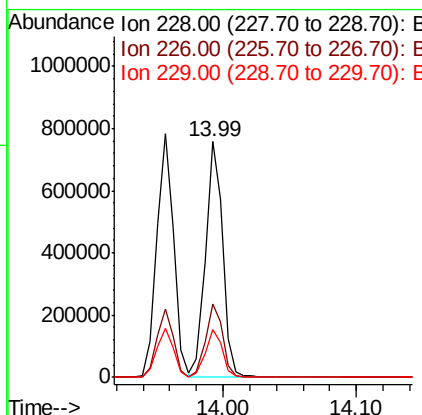
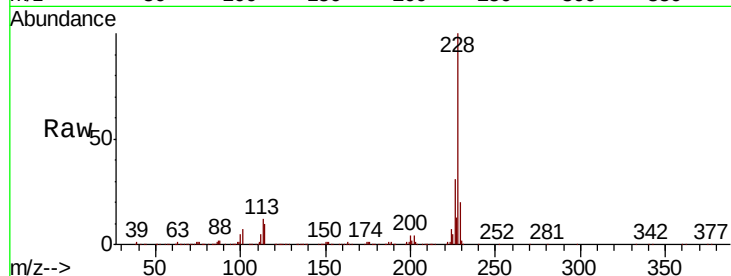




#83
 Chrvsene
 Concen: 42.867 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

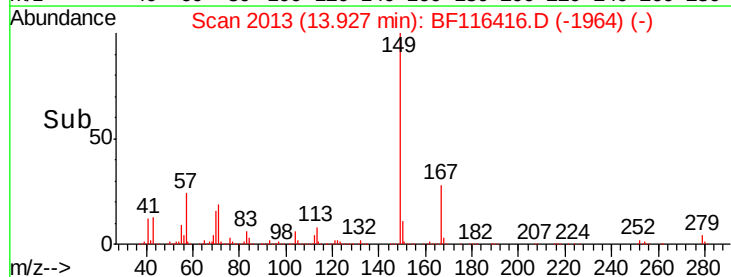
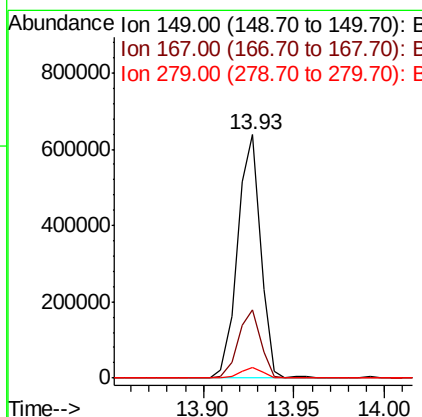
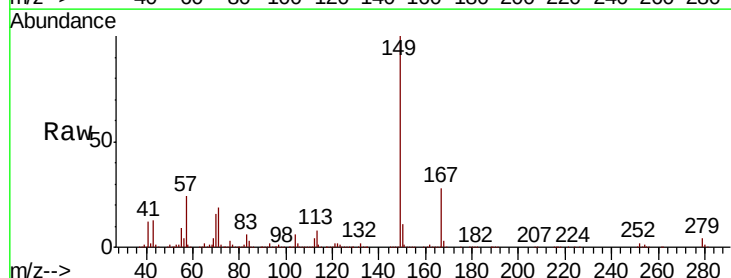
Instrument :
 BNA_F
 ClientSampleId :

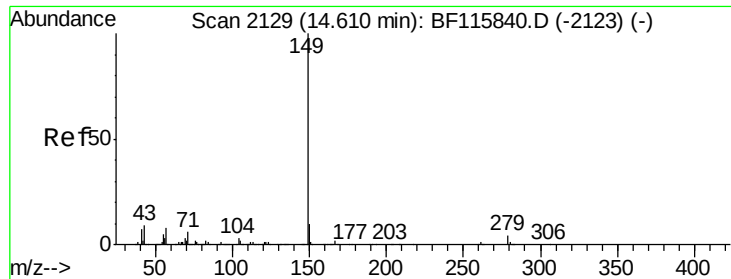
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	20.5	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.407 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF116416.D
 Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.6	32.4
279	4.3	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 50.175 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

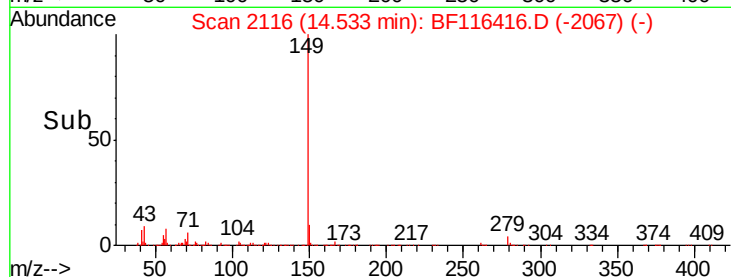
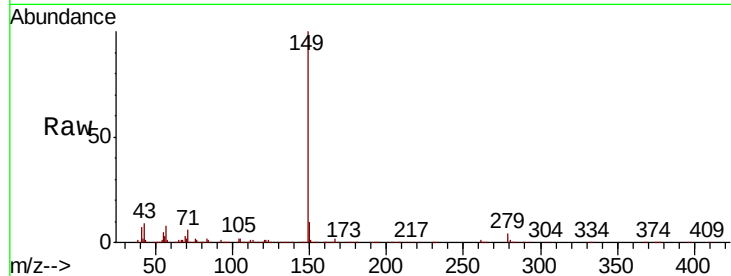
Tot Ion:149 Resp: 842462

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

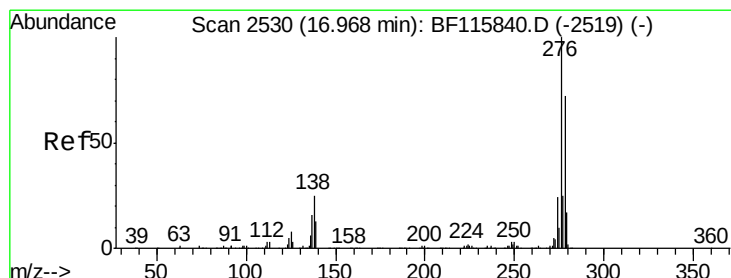
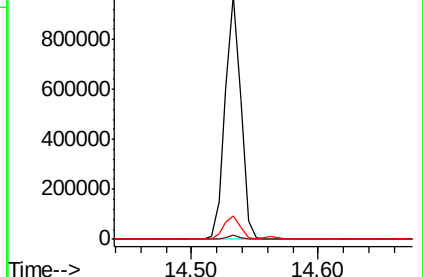
43 9.7 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.829 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

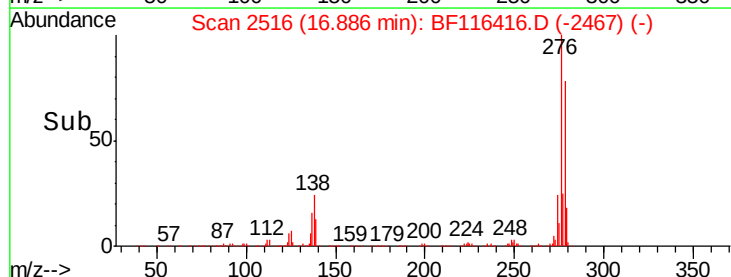
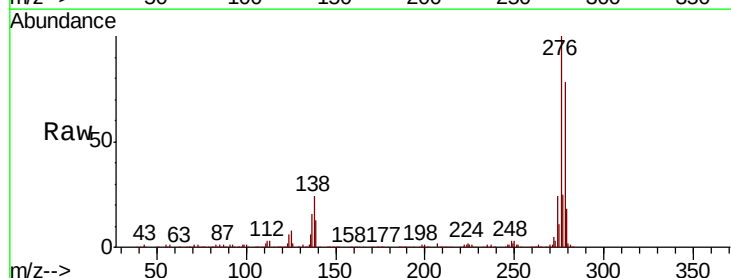
Tgt Ion:276 Resp: 622637

Ion Ratio Lower Upper

276 100

138 26.1 20.4 30.6

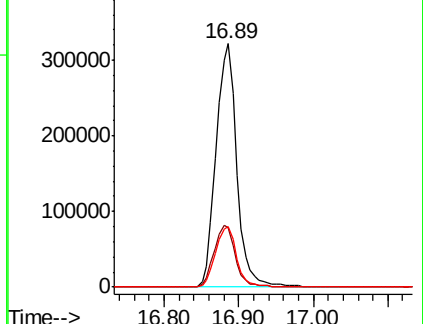
277 25.2 20.0 30.0

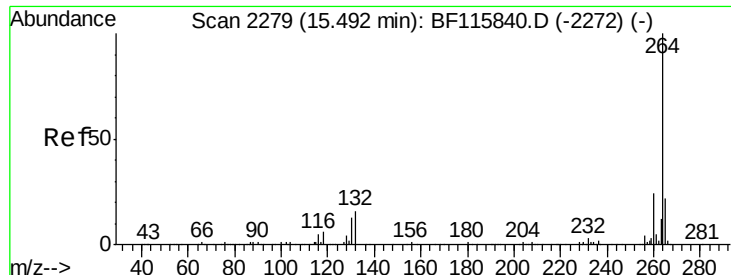


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

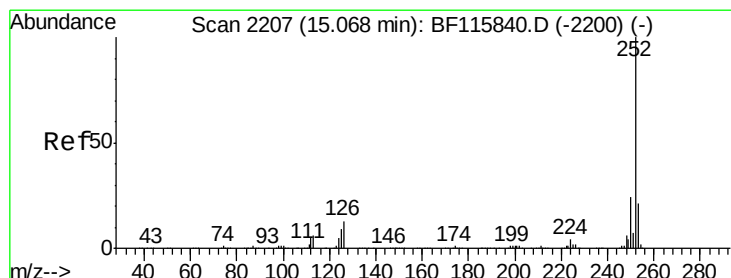
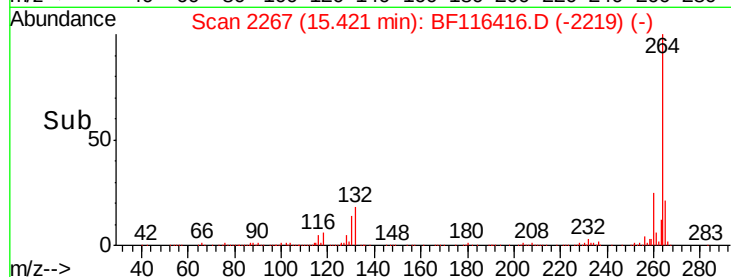
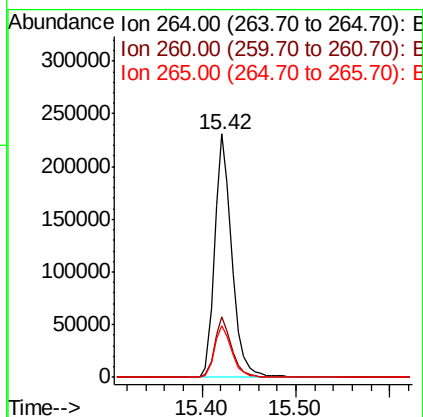
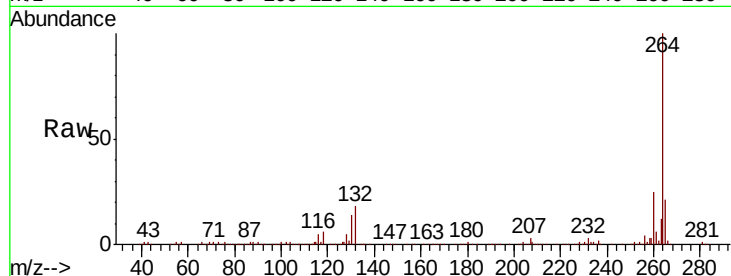




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

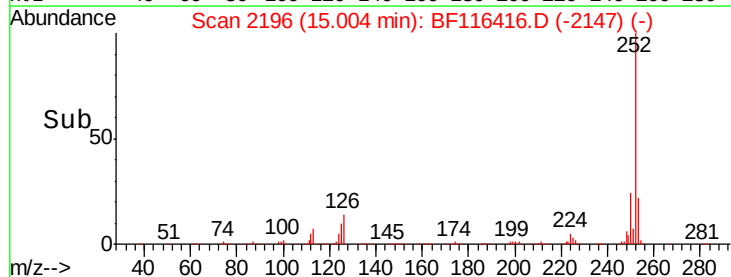
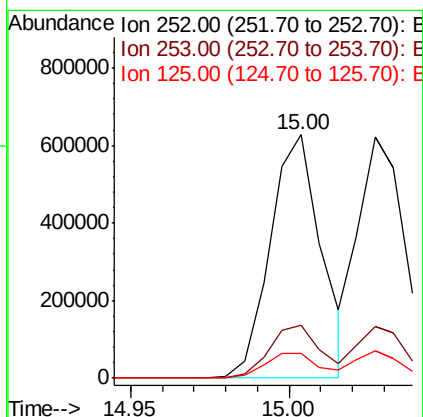
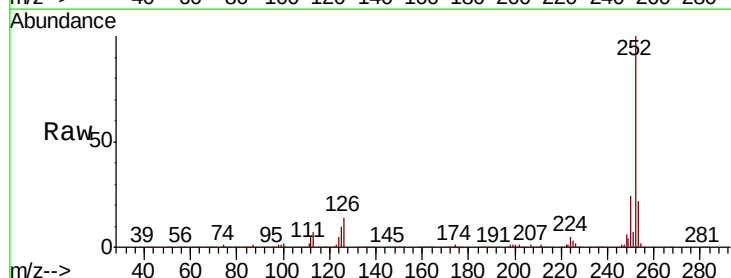
Instrument :
BNA_F
ClientSampleId :

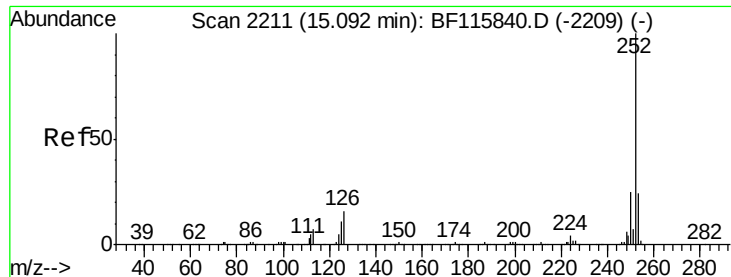
Tot Ion:264 Resp: 297038
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 21.2 17.4 26.0



#88
Benzo(b)fluoranthene
Concen: 40.945 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion:252 Resp: 703234
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.2 8.4 12.6

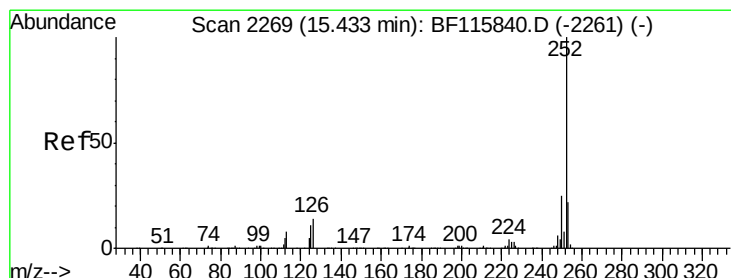
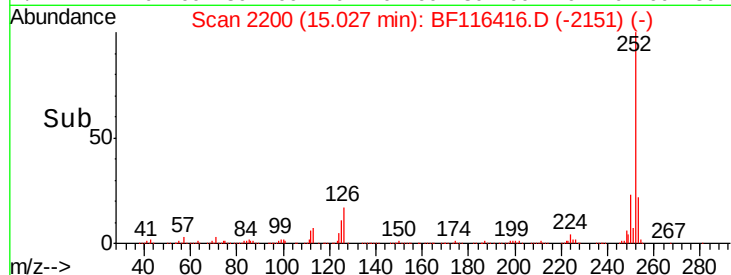
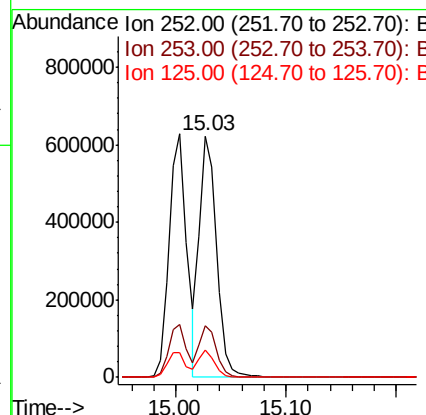
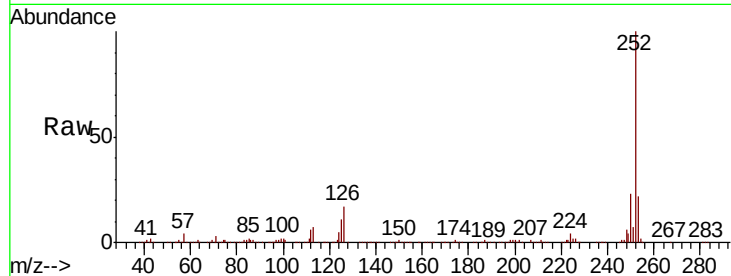




#89
Benzo(k)fluoranthene
Concen: 39.286 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

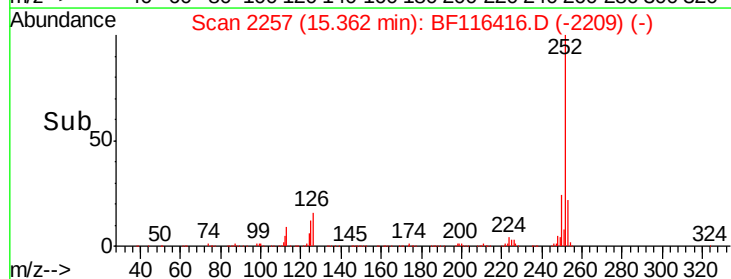
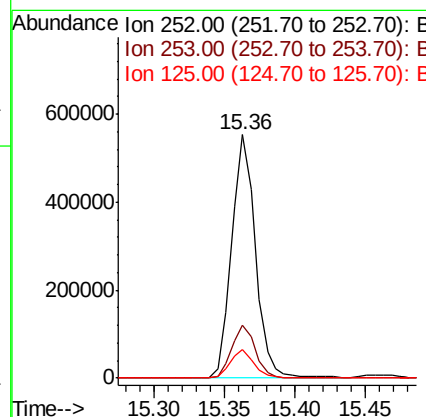
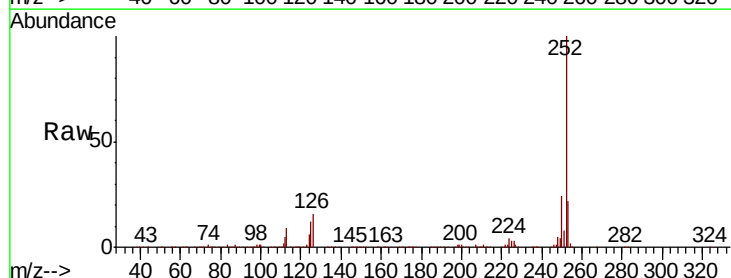
Instrument :
BNA_F
ClientSampleId :

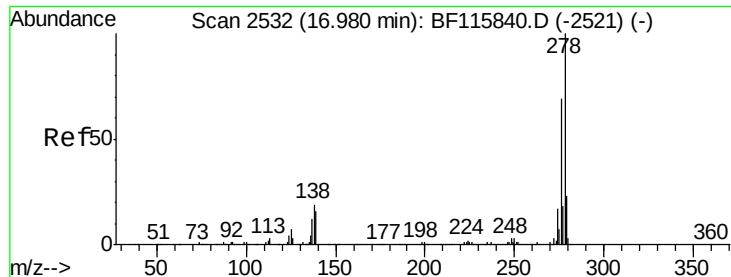
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	11.4	7.7	11.5



#90
Benzo(a)pyrene
Concen: 42.157 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116416.D
Acq: 20 Aug 2019 5:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.8	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 40.324 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

Instrument :

BNA_F

ClientSampleId :

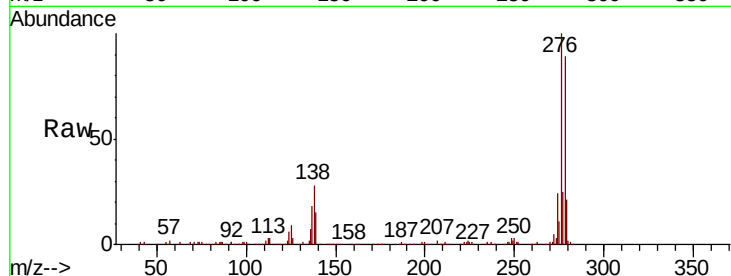
Tot Ion:278 Resp: 535896

Ion Ratio Lower Upper

278 100

139 17.2 12.8 19.2

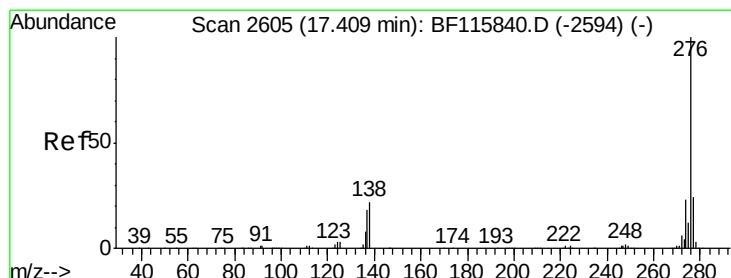
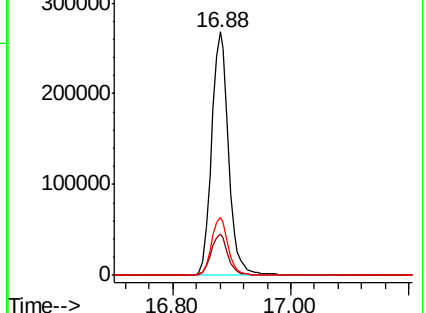
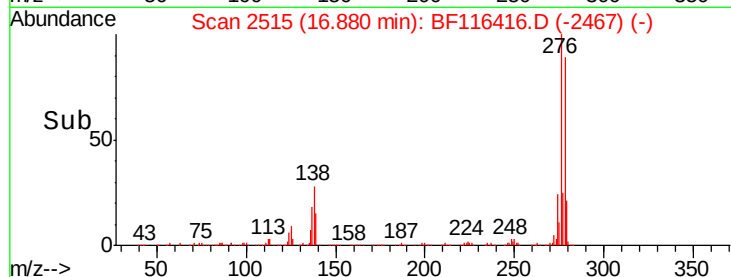
279 23.7 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.523 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.02 min

Lab File: BF116416.D

Acq: 20 Aug 2019 5:08

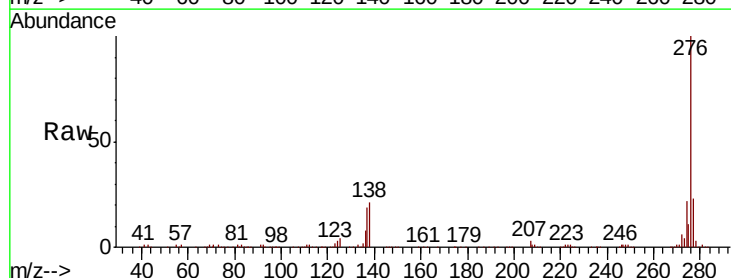
Tgt Ion:276 Resp: 463643

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 21.3 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

